

Source Property Information

BRRTS #: (No Dashes)

ACTIVITY NAME:

PROPERTY ADDRESS:

MUNICIPALITY:

PARCEL ID #:

CLOSURE DATE:

FID #:

DATCP #:

PECFA#:

***WTM COORDINATES:**

X: Y:

** Coordinates are in
WTM83, NAD83 (1991)*

WTM COORDINATES REPRESENT:

- Approximate Center Of Contaminant Source
- Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

- | | |
|--|--|
| <input type="checkbox"/> Groundwater Contamination > ES (236) | <input checked="" type="checkbox"/> Soil Contamination > *RCL or **SSRCL (232) |
| <input type="checkbox"/> Contamination in ROW | <input type="checkbox"/> Contamination in ROW |
| <input type="checkbox"/> Off-Source Contamination | <input type="checkbox"/> Off-Source Contamination |
| <i>(note: for list of off-source properties
see "Impacted Off-Source Property" form)</i> | <i>(note: for list of off-source properties
see "Impacted Off-Source Property" form)</i> |

Continuing Obligations:

- | | |
|---|---|
| <input type="checkbox"/> N/A (Not Applicable) | <input checked="" type="checkbox"/> Cover or Barrier (222) |
| <input type="checkbox"/> Soil: maintain industrial zoning (220) | <i>(note: maintenance plan for
groundwater or direct contact)</i> |
| <i>(note: soil contamination concentrations
between non-industrial and industrial levels)</i> | <input type="checkbox"/> Vapor Mitigation (226) |
| <input type="checkbox"/> Structural Impediment (224) | <input type="checkbox"/> Maintain Liability Exemption (230) |
| <input type="checkbox"/> Site Specific Condition (228) | <i>(note: local government unit or economic
development corporation was directed to
take a response action)</i> |

Note: Comments will not print out.

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? (234)

- Yes No N/A

** Residual Contaminant Level
**Site Specific Residual Contaminant Level*

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-41-245930 (No Dashes) PARCEL ID #: 6310114011, 6310114012, 6310114013

ACTIVITY NAME: Figgie Properties (Parcels 1, 2, 4)

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- Closure Letter**
- Maintenance Plan** (if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)
- Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- Conditional Closure Letter**
- Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).
Figure #: CSM 7356 Title:
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.

- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.
Figure #: Attach B Title: Site Location Map
- Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: Attach C Title: Parcelization Map
- Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: Attach G Title: Extent of Soil Contamination

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ACTIVITY NAME: Figgie Properties (Parcels 1, 2, 4)

MAPS (continued)

Geologic Cross-Section Map: A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: Attach H Title: Final Soil Cross Sections (Dated September 14, 2012)

Figure #: Title:

Groundwater Isoconcentration Map: For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.

Note: This is intended to show the total area of contaminated groundwater.

Figure #: Title:

Groundwater Flow Direction Map: A map that represents groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: Title:

Figure #: Title:

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

Soil Analytical Table: A table showing remaining soil contamination with analytical results and collection dates.

Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: Attach F Title: Soil Analytical Results (PAHs, Metals, VOCs, PCBs)

Groundwater Analytical Table: Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: Title:

Water Level Elevations: Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: Title:

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

Note: If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

Not Applicable

Site Location Map: A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

Note: If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

Figure #: Title:

Well Construction Report: Form 4440-113A for the applicable monitoring wells.

Deed: The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

Notification Letter: Copy of the notification letter to the affected property owner(s).

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ACTIVITY NAME: Figgie Properties (Parcels 1, 2, 4)

NOTIFICATIONS

Source Property

Not Applicable

Letter To Current Source Property Owner: If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

Return Receipt/Signature Confirmation: Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

Not Applicable

Letter To "Off-Source" Property Owners: Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.

Note: Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.

Number of "Off-Source" Letters:

Return Receipt/Signature Confirmation: Written proof of date on which confirmation was received for notifying any off-source property owner.

Deed of "Off-Source" Property: The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.

Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.

Certified Survey Map: A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

Figure #: Title:

Letter To "Governmental Unit/Right-Of-Way" Owners: Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters:



September 19, 2012

Ms. Mary Jo Lange
Director of Public Works / City Engineer
City of Cudahy
5050 S. Lake Drive
Cudahy, WI 53110

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

Subject: Final Case Closure with Continuing Obligations
Former Figgie Properties – Parcels 1, 2, and 4 at 4751 S. Meyer Place, Cudahy, WI
WDNR FID #241468370 BRRTS #02-41-245930

Dear Ms. Lange:

The Department of Natural Resources (DNR) considers Parcels 1, 2, and 4 of the former Figgie Properties closed, with continuing obligations. No further investigation or remediation is required at this time. However, you and future property owners must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attached maintenance plan to anyone who purchases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wisconsin Administrative Code. This site was reviewed for closure on September 18, 2012 by the Southeast DNR Region. The DNR reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. A conditional closure letter was issued by the DNR on April 12, 2012, and documentation that the conditions in that letter were met was received on September 17, 2012.

This 30-acre site was originally developed in the 1890s as part of an industrial facility that was initially used to manufacture pumps and mining equipment. The facility was used from 1928 to 1983 as a bottling equipment manufacturing business. Several buildings were razed in 1982, except Building #2, which was leased to a drum reconditioning operation and crane repair service by Figgie International from 1986 to 1991. The remaining major structures for the manufacturing facility were razed in 1992. In 2009, the Cudahy Community Development Authority (CDA) purchased the site following failed redevelopment efforts and foreclosure. In 2011, the site was transferred from the Cudahy CDA to the City of Cudahy to initiate remediation efforts.

Several site investigations occurred between 1994 and 2009. Fill materials in the area were found to contain primarily polycyclic aromatic hydrocarbons (PAHs) and metals as soil contaminants. Volatile organic compounds (VOCs) and polychlorinated biphenyls (PCBs) were also detected in various soil samples. The original soil contamination was associated with site-wide fill material reported to be 0 to 15 feet below the original ground surface. Remedial actions included removal of underground storage tanks, soil excavation and

disposal, and construction of an 18-inch thick soil barrier. The conditions of closure and continuing obligations required were based on the property being used for commercial purposes.

Continuing Obligations

The continuing obligations for this site are summarized below. Further details on actions required are found in the Closure Conditions section.

- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil and the DNR must approve any changes to this barrier.
- Remaining soil contamination could result in vapor intrusion if future construction activities occur. If new building construction is planned, vapor control technologies will be required for occupied buildings, unless the property owner assesses the potential for vapor intrusion, and the DNR agrees that conditions are protective of the new use.

GIS Registry

This site will be listed on the Remediation and Redevelopment Program's internet accessible Geographic Information System (GIS) Registry, to provide notice of residual contamination and of any continuing obligations. DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at <http://dnr.wi.gov/topic/brownfields/residual.html> or at the web address listed below for the GIS Registry.

All site information is also on file at the Southeast Regional DNR office, at 2300 N. MLK Jr Drive, Milwaukee, WI 53212. This letter and information that was submitted with your closure request application, including the maintenance plan, will be included on the GIS Registry in a PDF attachment. To review the site on the GIS Registry web page, visit the RR Sites Map page at <http://dnr.wi.gov/topic/Brownfields/rism.html>.

Prohibited Activities

Certain activities are prohibited at closed sites because maintenance of a barrier is intended to prevent contact with any remaining contamination. When a barrier is required, the condition of closure requires notification of the DNR before making a change, to determine if further action is needed to maintain the protectiveness of the remedy employed. The following activities are prohibited on any portion of the property where pavement, a building foundation, a soil cover, an engineered cover, or other barrier is required, as shown on the enclosed Barrier Maintenance Plan maps, unless prior written approval has been obtained from the DNR:

- Removal of the existing barrier.
- Replacement with another barrier.
- Excavating or grading of the land surface.
- Filling on covered or paved areas.
- Plowing for agricultural cultivation.
- Construction or placement of a building or other structure.
- Changing the use or occupancy of the property to a residential exposure setting, which may include certain uses, such as single or multiple family residences, a school, child care, senior center, hospital, or similar residential exposure settings.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter and the attached maintenance plans are met. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Residual Soil/Fill Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)

Soil/fill contamination remains on-site as indicated on the enclosed maps. If soil/fill is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil/fill to determine if contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil/fill may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Cover or Barrier (s. 292.12 (2) (a), Wis. Stats.)

The soil cover that exists on the site and is described in the enclosed Barrier Maintenance Plan shall be maintained in compliance with the attached maintenance plan to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health.

A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if use of the property were to change such that a residential exposure would apply. This may include, but is not limited to single or multiple family residences, a school, day care, senior center, hospital or similar settings. Before using the property for such purposes, you must notify the DNR to determine if additional response actions are warranted.

A request may be made to modify or replace a cover or barrier. The replacement or modified cover or barrier must be protective of the revised use of the property, and must be approved in writing by the DNR prior to implementation.

The attached maintenance plan and inspection log are to be kept up-to-date and in the location identified in the plan. Submit the inspection log to the DNR only upon request.

Vapor Mitigation or Evaluation (s. 292.12 (2), Wis. Stats.)

Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater into buildings where people may breathe air contaminated by the vapors. Vapor mitigation systems are used to interrupt the pathway, thereby reducing or preventing vapors from moving into the building.

PAHs and VOCs remain in soil on the site at levels that may be of concern for vapor intrusion in the future, depending on construction and occupancy of a building. Currently, the site does not include any structures. Before a building is constructed, the property owner must notify the DNR. Vapor control technologies are required for construction of occupied buildings unless the property owner assesses the vapor pathway and the DNR concludes that conditions at the property are protective of the new use.

In addition, depending on site-specific conditions, construction over contaminated materials may result in vapor migration of contaminants into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and means of migration should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare, and the environment at the site.

Historic Fill Site

Any future redevelopment of this property must consider the presence of waste materials and will require the issuance of an exemption from the DNR to build on an abandoned landfill prior to the start of any construction. Please refer to the following Building on Abandoned Landfill Guidances for further information. They can be found on the internet at:

<http://dnr.wi.gov/files/PDF/pubs/rr/RR685.pdf>
<http://dnr.wi.gov/files/PDF/pubs/rr/RR684.pdf>
<http://dnr.wi.gov/files/PDF/pubs/rr/RR683.pdf>

The enclosed DNR fact sheet, "Continuing Obligations for Environmental Protection", RR-819, is included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at <http://dnr.wi.gov/files/pdf/pubs/rr/rr819.pdf>.

Please send written notifications in accordance with the above requirements to 2300 N. MLK Jr. Drive, Milwaukee, WI 53212, to the attention of the Environmental Program Associate.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact the Project Manager, Scott Ferguson, at 414-263-8685.

Sincerely,



Pamela A. Mylotta, Supervisor
Southeast Remediation & Redevelopment Program

Enclosures: Barrier Maintenance Plan
 RR 819 – Continuing Obligations for Environmental Protection

cc: Wade C. Wollermann, Endpoint Solutions, 12065 West Janesville Road, Suite 300, Hales Corners, WI 53130
DNR case file

Barrier Maintenance Plan

September 14, 2012

Property Identified as:

Former Figgie Property –Parcels 1, 2 and 4, Cudahy, Wisconsin
(also known as Former Iceport Property)

Formerly Addressed as:

4751 South Meyer Place
4850 South Nicholson Avenue
4765 South Meyer Place

Currently Addressed as:

3275 East Layton Avenue
3233 East Iceport Way
3333 East Iceport Way

Tax Keys:

631-011-4011
631-011-4012
631-011-4013

BRRTS:

02-41-245930
03-41-184557
03-41-152304

Legal Description:

A parcel of land, being all of Parcels 2 and 3, and parts of Parcels 1 and 4 of Milwaukee County Certified Survey Map No. 5710, filed July 14, 1992, and being located on Blocks 1, 2, 3 and 4 of the Plat of Layton Avenue Addition, being part of the NW ¼ of Section 26, Township 6 North, Range 22 East, City of Cudahy, Milwaukee County, Wisconsin, being more particularly described as:

Beginning at the Northwest corner of said Section 26; thence S01°-25'-12"E, along the west line of said NW ¼ of Section 26, 175.00 feet; thence N88°-10'-19"E, parallel with the north line of the NW ¼ of Section 26, 33.00 feet, to the Northwest corner of Parcel 3 of said Certified Survey Map No. 5710 and the Point of Beginning of this description; thence N01°-25'-12"W, along the east right-of-way line of S. Nicholson Avenue, 126.73 feet; thence N86°-05'-31"E, along the south right-of-way line of E. Layton Avenue, 210.20 feet; thence N01°-25'-12"W, 0.65 feet; thence N88°-10'-19"E, along said south right-of-way line, 794.27 feet to the west right-of-way line of Sweet Applewood Lane; thence S46°-29'-42"E, 35.33 feet; thence S01°-25'-12"E, 78.65 feet; thence S03°-42'-39"E, along said westerly right-of-way line, 301.70 feet; thence S01°-25'-12"E, along said westerly right-of-way line, 208.16 feet to the beginning of a curve to the right, having its radius point bearing westerly, 235.00 feet; thence southwesterly 190.25 feet along the arc of said curve, the long chord of which bears S21°-46'-20"W, 185.09 feet to a point of reverse curvature; thence southwesterly 246.92 feet along the arc of said curve to the left, having its radius point bearing southeasterly, 305.00 feet, and its long chord bearing S21°-46'-20"W, 240.23 feet; thence S01°-25'-12"E, along said west right-of-way line and its extension, 110.54 feet; thence N88°-34'-48"E, 7.00 feet; thence S01°-25'-12"E, 445.24 feet (recorded as 445.94 feet) to the south line of Parcel 1 of said Certified Survey Map No. 5710; thence S88°-10'-19"W, along the said south line, 756.21 feet to the northeasterly right-of-way line of S. Whitnall Avenue; thence N19°-26'-12"W, along said northeasterly right-of-way line, 27.75 feet; thence N39°-58'-12"W, along said northeasterly right-of-way line, 186.21 feet to the east right-of-way line of S. Nicholson Avenue; thence N01°-25'-12"W, on a line which is 33.00 feet east of and parallel with the west line of the NW ¼ of Section 26, 1251.17 feet to the Point of Beginning and the end of this description; Containing 1,483,261 square feet, or 34.051 acres of land.

Introduction

The purpose of this document is to present a Maintenance Plan for an engineered barrier consisting of soil and vegetation at the above-referenced property per the requirements of Wisconsin Administrative Code (WAC) Chapter NR 724.13(2). The maintenance activities relate to the existing soil barrier, which has been placed over residual contaminated soils across the entire site.

The residual contaminated soils are impacted primarily with polycyclic aromatic hydrocarbons (PAHs) and metals (arsenic, cadmium and lead) above Wisconsin Department of Natural Resources (WDNR) suggested generic residual contaminant levels (RCLs). Polychlorinated biphenyls (PCBs) and volatile organic compounds (VOCs) were also detected in some soil samples. The original soil contamination was associated with site-wide fill material reported to be brown, olive or black, silty sand from 0 to 15 feet below the original ground surface. The fill material overlays native sediments deposited as glacial till and mapped as the Oak Creek Formation.

Before the final remediation was implemented, several soil piles existed on the property presumably created during several different development activities that had occurred since 2002. Final remediation in 2011 – 2012 consisted of consolidating the impacted soil piles to the 3233 East Iceport Way parcel (formerly Parcel 2), creating an 18-inch thick direct contact soil barrier across the entire site (except the pre-existing roadbeds), and uniformly grading the Site to promote even drainage. The final surveys and location of the soil barrier are depicted on the figures included in **Exhibit A**.

Barrier Purpose

The soil placed over the residual contaminated soil serves as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. Based on the current use of the property, the soil barrier should function as intended unless disturbed. It is understood that the property has value to the City of Cudahy from a redevelopment standpoint, and as such, future development at the site may disturb the existing soil barrier. In a redevelopment scenario the following materials may also be utilized as a barrier to direct contact with the underlying soils: pavements; and, buildings or structures. Refer to the Soil Management Plan dated September 14, 2012 for additional details regarding the future development and the use of these alternative barrier materials.

Inspections

The barrier overlying the contaminated soil, and as depicted in **Exhibit A**, will be inspected quarterly for the first year and once a year thereafter. Annual inspections should be conducted preferably in the spring following snow melt to evaluate the barrier for areas of washouts due to lack of vegetation or surface drainage that could cause exposure to the underlying soils. The

inspections are to be performed by the property owner or a designated representative. The inspections will be performed to evaluate damage due to settling, cracking, exposure to weather, wear from traffic, erosion from runoff, animal burrowing and other factors. Any area where soils have become or are likely to become exposed will be documented and subsequently repaired. A log of the inspections and repairs will be maintained by the property owner. An example Inspection and Repair Log is attached as **Exhibit B**. The log will include recommendations for the repair of any areas of damaged barrier, including any recommendations for improving site conditions to avoid future damage to the barrier. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept at the address of the property owner and available for submittal or inspection by the WDNR representatives upon their request.

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs are to be scheduled as soon as possible. Repairs can include patching and filling or larger construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must first inform workers of the direct contact exposure hazard and provide them with appropriate personal protective equipment (PPE). The owner must also sample any soil that is excavated from beneath the barrier prior to disposal to evaluate proper disposition methods. The underlying soil must be treated, stored and disposed by the owner in accordance with applicable local, state and federal law.

In the event the existing soil barrier overlying the contaminated soil is removed or replaced, the replacement barrier must be equally or more protective as the existing barrier. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless otherwise indicated by the WDNR or its successor.

The property owner, in order to maintain the integrity of the barrier, will maintain a copy of this Maintenance Plan and make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for review.

Prohibition of Activities and Notification of WDNR Prior to Actions Affecting a Barrier

The following activities are prohibited on any portion of the property where the soil barrier is required, as shown on the attached map (**Exhibit A**), *unless prior written approval has been obtained from the WDNR*:

- 1) Removal of the existing soil barrier;
- 2) Replacement with another barrier;
- 3) Excavating or grading of the land surface;
- 4) Filling on capped areas;
- 5) Plowing for agricultural cultivation; or,
- 6) Construction or placement of a building or other structure.

An exemption from the WDNR to build on historic fill will be required for any future development, and all redevelopment plans are subject to the review and approval by WDNR prior to commencing work. Sufficient time should be allowed for review and approval of all plans. Exemption forms (4400-226 and 4400-226a), guidance documents (RR-683, RR-684, and RR-685), other information regarding historic fill sites can be found on the WDNR website, <http://dnr.wi.gov/topic/landfills/development.html>. Also, refer to the Soil Management Plan for soil handling guidelines and direct contact barrier restoration requirements.

Following redevelopment, a Revised Barrier Maintenance Plan should be prepared taking into account any new barriers installed, and discussing appropriate inspection and maintenance procedures to ensure the continued efficacy of the barrier.

Amendment or Withdrawal of Maintenance Plan

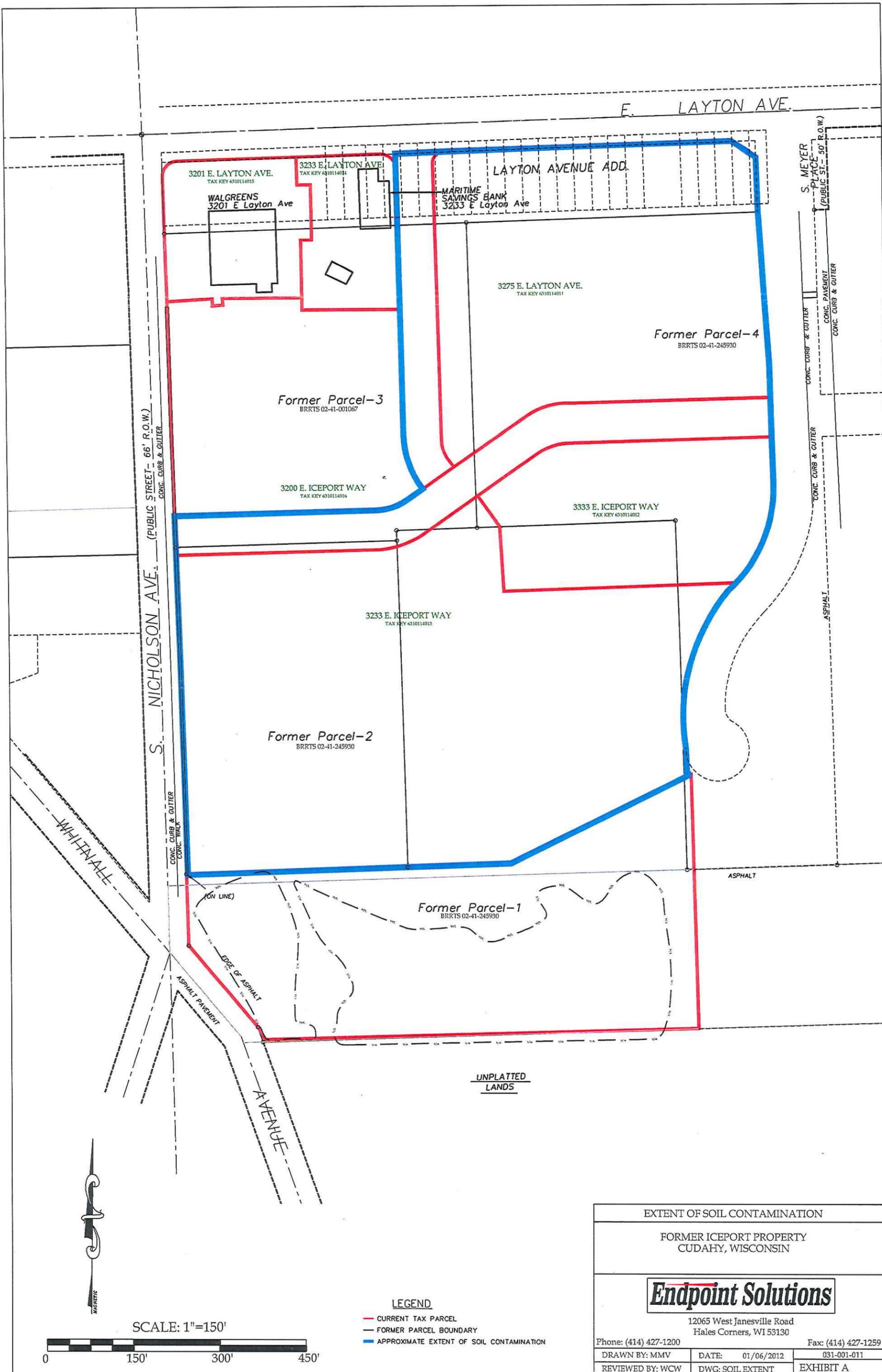
This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of the WDNR.

Contact Information (as of September 14, 2012)

Site Owner: City of Cudahy
5050 South Lake Drive
Cudahy, WI 53110
Attn: Mary Jo Lange
City Engineer
414-762-2212

Consultant: Endpoint Solutions Corp.
12065 West Janesville Road, Suite 300
Hales Corners, WI 53130
Attn: Robert Cigale
414-427-1200

WDNR: Michele R. Norman, Hydrogeologist
Wisconsin Dept. of Natural Resources
2300 N. Dr. ML King Jr. Drive
Milwaukee, WI 53212
414 -263-8546



SCALE: 1"=150'



LEGEND

- CURRENT TAX PARCEL
- FORMER PARCEL BOUNDARY
- APPROXIMATE EXTENT OF SOIL CONTAMINATION

EXTENT OF SOIL CONTAMINATION		
FORMER ICEPORT PROPERTY CUDAHY, WISCONSIN		
Endpoint Solutions		
12065 West Janesville Road Hales Corners, WI 53130		
Phone: (414) 427-1200	DATE: 01/06/2012	Fax: (414) 427-1259
DRAWN BY: MMV	REVIEWED BY: WCW	031-001-011
DWG: SOIL EXTENT	EXHIBIT A	

EAST LAYTON AVENUE

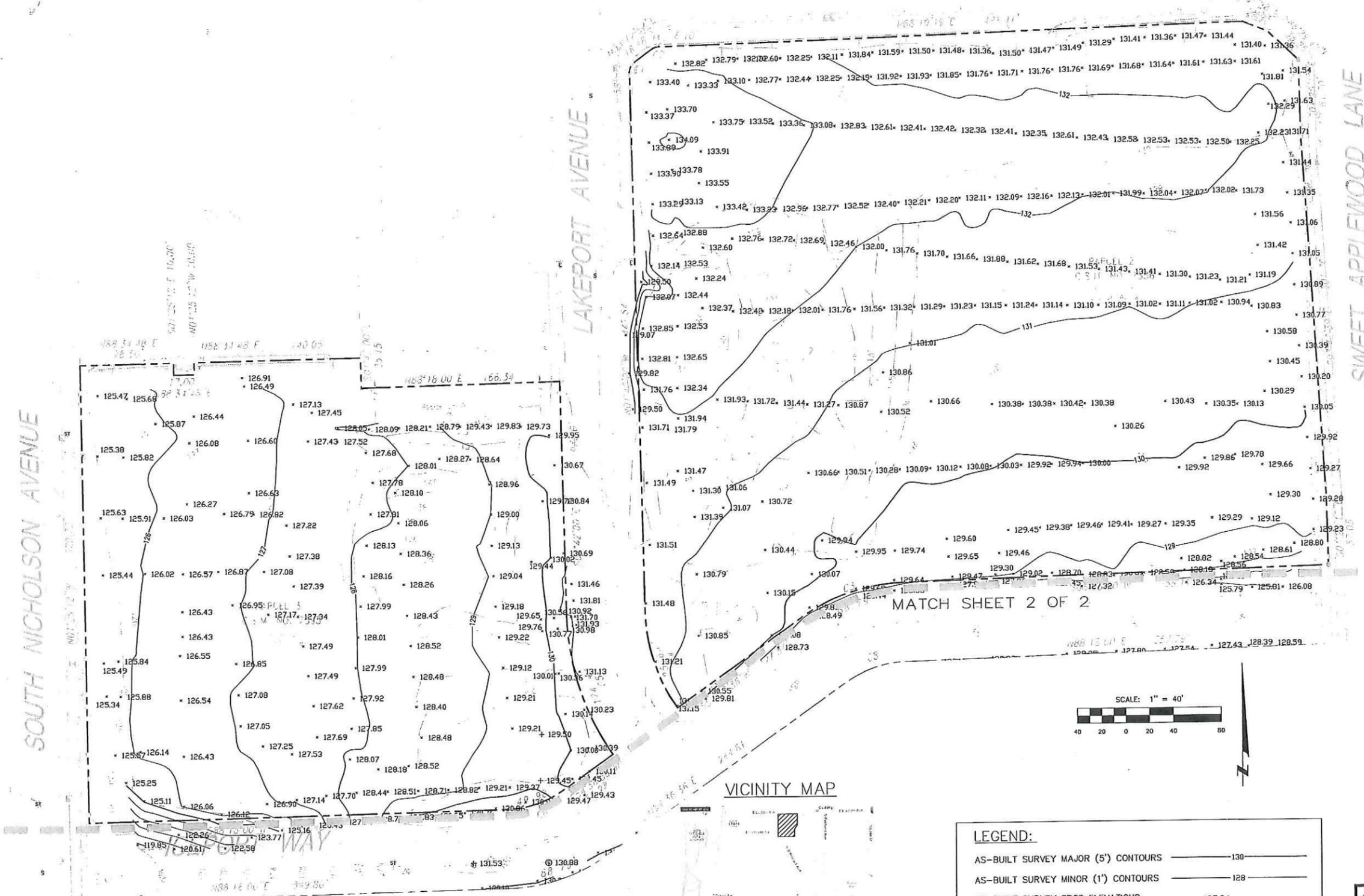
COLLINS ENGINEERS
 2033 West Howard Avenue
 Milwaukee, WI 53221
 Phone: 414-282-6905
 Fax: 414-282-6955

ENDPOINT SOLUTIONS
 12065 WEST JANEVILLE ROAD
 SITE 300
 HALES CORNERS, WI 53180

AS-BUILT FINAL GRADING EXHIBIT FOR MASS GRADING OF THE FORMER ICEPORT SITE OF CUDAHY, WI

NO.	DATE	DESIGN BY	DESCRIPTION

DESIGN BY: MAC
 DRAWN BY: MAC
 CHECKED BY: RAT
 DATE: 05-04-12
 SCALE: 1" = 40'
 SHEET NO: 1 OF 2



- NOTES:**
- THE EXISTING TOPOGRAPHY FOR THIS EXHIBIT REFERENCES THE CAD FILE "TM1066 ANSI-E50.DWG", PREPARED BY CHAPUT LAND SURVEYS, RECEIVED ON 11-2-2010 AND 11-30-2010.
 - THE AS-BUILT SURVEY FOR THIS EXHIBIT REFERENCES THE CAD FILE ENTITLED "TM1066-D7.DWG" PREPARED BY CHAPUT LAND SURVEYS RECEIVED ON 05-03-2012. AS-BUILT SURVEY WAS OBTAINED AFTER CLEAN FILL PLACEMENT.

LEGEND:

AS-BUILT SURVEY MAJOR (5') CONTOURS ——— 130 ———

AS-BUILT SURVEY MINOR (1') CONTOURS ——— 128 ———

AS-BUILT SURVEY SPOT ELEVATIONS x 127.94

EXISTING SURVEY (NOVEMBER 2010) MAJOR CONTOURS - - - - -

EXISTING SURVEY (NOVEMBER 2010) MINOR CONTOURS - - - - -

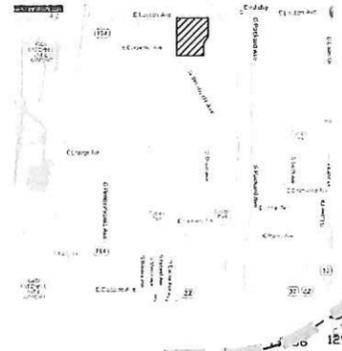
NOTES:

1. THE EXISTING TOPOGRAPHY FOR THIS EXHIBIT REFERENCES THE CAD FILE "TM1066 ANSI-E50.DWG", PREPARED BY CHAPUT LAND SURVEYS, RECEIVED ON 11-2-2010 AND 11-30-2010.
2. THE AS-BUILT SURVEY FOR THIS EXHIBIT REFERENCES THE CAD FILE ENTITLED "TM1066-D7.DWG" PREPARED BY CHAPUT LAND SURVEYS RECEIVED ON 05-03-2012. AS-BUILT SURVEY WAS OBTAINED AFTER CLEAN FILL PLACEMENT.

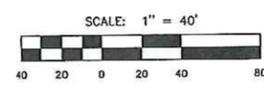
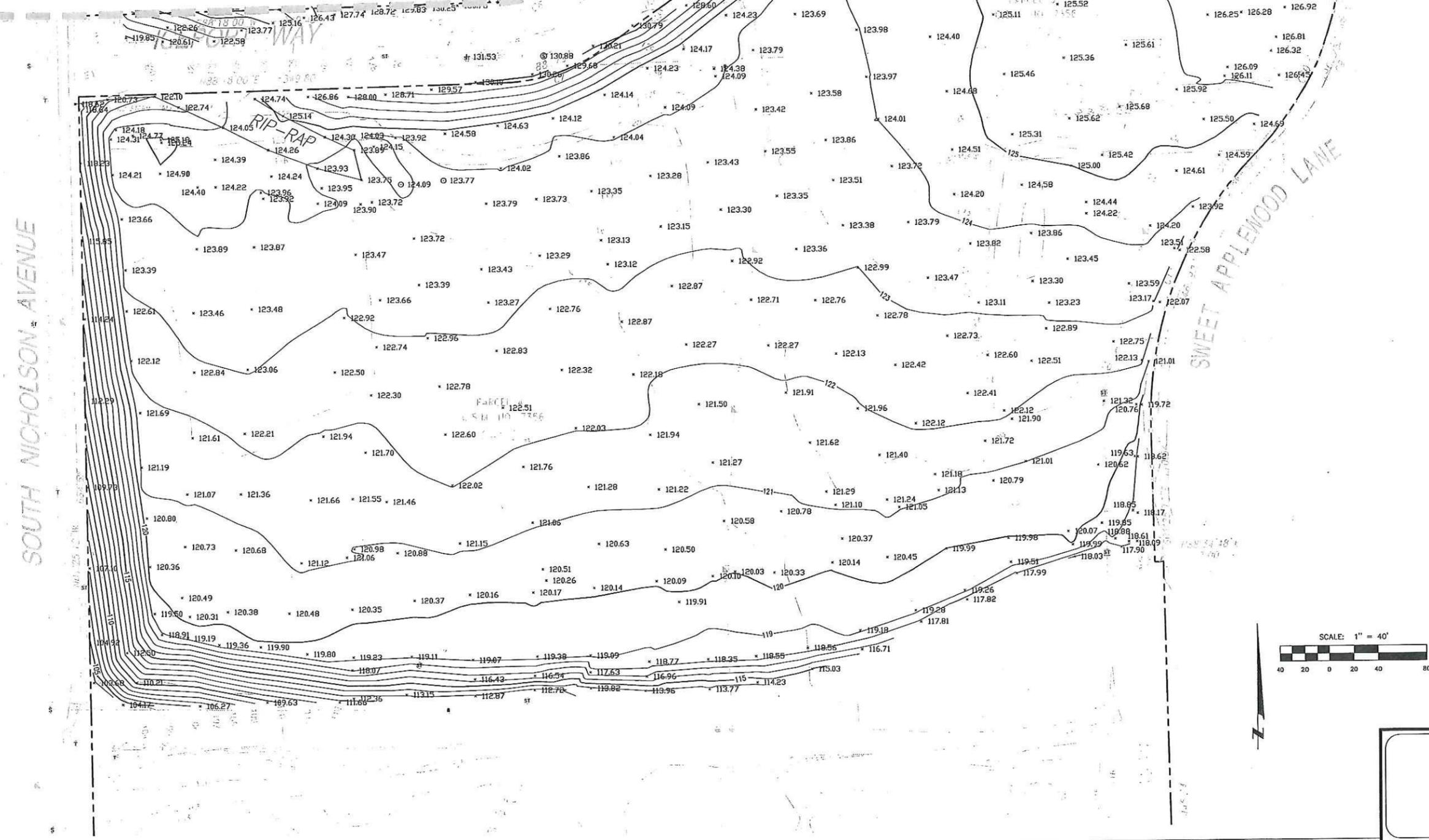
LEGEND:

- AS-BUILT SURVEY MAJOR (5') CONTOURS ——— 130 ———
- AS-BUILT SURVEY MINOR (1') CONTOURS ——— 128 ———
- AS-BUILT SURVEY SPOT ELEVATIONS × 127.94
- EXISTING SURVEY (NOVEMBER 2010) MAJOR CONTOURS - - - - -
- EXISTING SURVEY (NOVEMBER 2010) MINOR CONTOURS - - - - -

VICINITY MAP



MATCH SHEET 1 OF 2



COLLINS ENGINEERS
 2033 West Howard Avenue
 Milwaukee, WI 53221
 Phone: 414-282-6905
 Fax: 414-282-6955

ENDPOINT SOLUTIONS
 12065 WEST JANEVILLE ROAD
 SITE 300
 HALES CORNERS, WI 53130

AS-BUILT FINAL GRADING EXHIBIT
 FOR MASS GRADING OF THE FORMER ICEPORT SITE
 CUDAHY, WI

NO.	DATE	DESCRIPTION

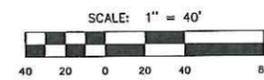
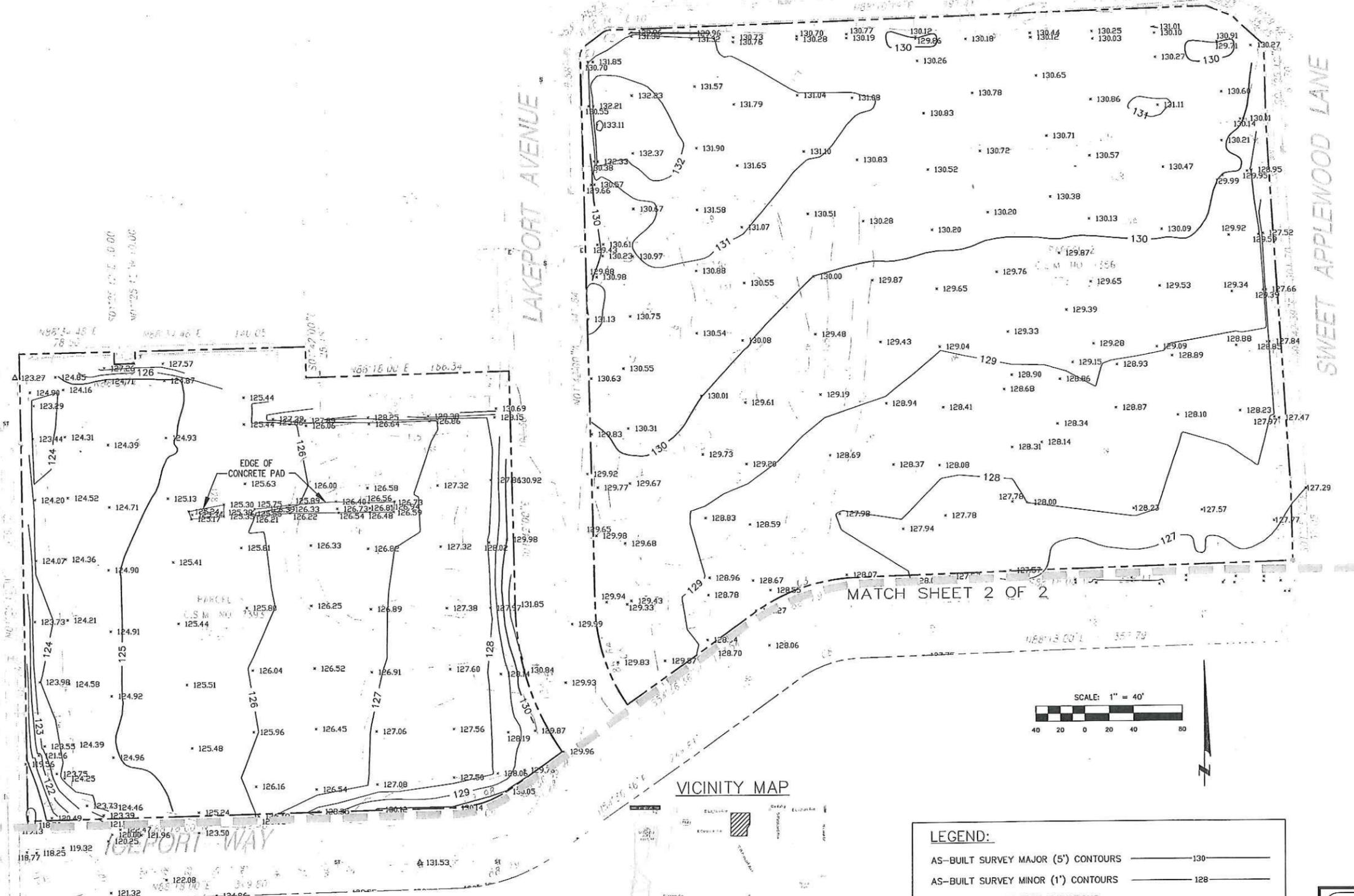
DESIGN BY: MAC
 DRAWN BY: MAC
 CHECKED BY: RAT
 DATE: 05-04-12
 SCALE: 1" = 40'
 SHEET NO: 2 OF 2

EAST LAYTON AVENUE

SOUTH NICHOLSON AVENUE

LAKEPORT AVENUE

SWEET APPLEWOOD LANE



VICINITY MAP

LEGEND:

AS-BUILT SURVEY MAJOR (5') CONTOURS	————— 130 —————
AS-BUILT SURVEY MINOR (1') CONTOURS	————— 128 —————
AS-BUILT SURVEY SPOT ELEVATIONS	x 127.94
EXISTING SURVEY (NOVEMBER 2010) MAJOR CONTOURS	—————
EXISTING SURVEY (NOVEMBER 2010) MINOR CONTOURS	—————

- NOTES:**
1. THE EXISTING TOPOGRAPHY FOR THIS EXHIBIT REFERENCES THE CAD FILE "TM1066 ANSI-E50.DWG", PREPARED BY CHAPUT LAND SURVEYS, RECEIVED ON 11-2-2010 AND 11-30-2010.
 2. THE AS-BUILT SURVEY FOR THIS EXHIBIT REFERENCES THE CAD FILE ENTITLED "TM1066NORTH.DWG" PREPARED BY CHAPUT LAND SURVEYS RECEIVED ON 07-18-2011. AS-BUILT SURVEY OBTAINED PRIOR TO CLEAN FILL PLACEMENT.

COLLINS ENGINEERS
 2033 West Howard Avenue
 Milwaukee, WI 53221
 Phone: 414-282-6905
 Fax: 414-282-6955

ENDPOINT SOLUTIONS
 12065 WEST JAMESVILLE ROAD
 STE 300
 HALES CORNERS, WI 53130

AS-BUILT INTERIM GRADING EXHIBIT
 FOR MASS GRADING OF THE FORMER ICEPORT SITE
 CUDAHY, WI

NO.	DATE	DESIGN BY	DESCRIPTION

DESIGN BY: MAC
 DRAWN BY: MAC
 CHECKED BY: RAT

DATE: 07-19-11
 SCALE: 1" = 40'

SHEET NO:
1 OF 2

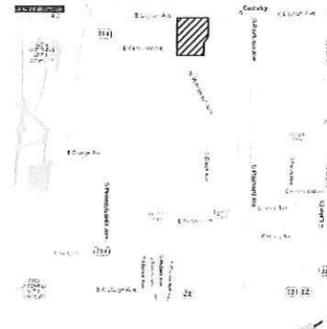
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1. THE EXISTING TOPOGRAPHY FOR THIS EXHIBIT REFERENCES THE CAD FILE "TM1066 ANSI-E50.DWG", PREPARED BY CHAPUT LAND SURVEYS, RECEIVED ON 11-2-2010 AND 11-30-2010.
2. THE AS-BUILT SURVEY FOR THIS EXHIBIT REFERENCES THE CAD FILE ENTITLED "20110822SOUTH PARCEL SUBBASE.DWG" PREPARED BY CHAPUT LAND SURVEYS RECEIVED ON 07-21-2011, WITH SUPPLEMENTAL SURVEY RECEIVED ON 08-22-11. AS-BUILT SURVEY OBTAINED PRIOR TO CLEAN FILL PLACEMENT.

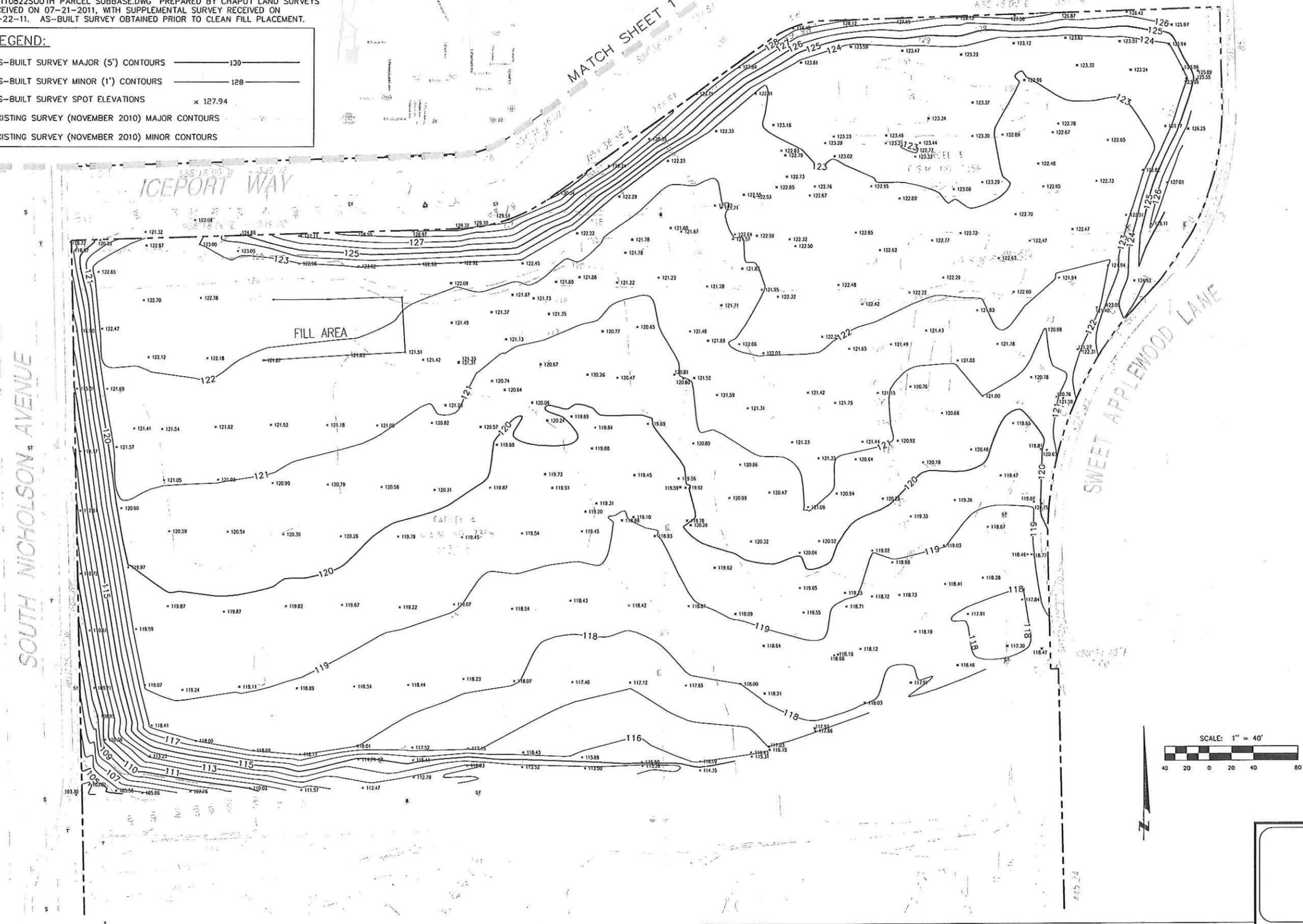
LEGEND:

- AS-BUILT SURVEY MAJOR (5') CONTOURS ——— 130 ———
- AS-BUILT SURVEY MINOR (1') CONTOURS ——— 128 ———
- AS-BUILT SURVEY SPOT ELEVATIONS × 127.94
- EXISTING SURVEY (NOVEMBER 2010) MAJOR CONTOURS ———
- EXISTING SURVEY (NOVEMBER 2010) MINOR CONTOURS ———

VICINITY MAP



MATCH SHEET 1 OF 2



COLLINS ENGINEERS
 2033 West Howard Avenue
 Milwaukee, WI 53221
 Phone: 414-282-6905
 Fax: 414-282-6955

ENDPOINT SOLUTIONS
 12065 WEST JANEVILLE ROAD
 STE 300
 HALES CORNERS, WI 53180

AS-BUILT INTERIM GRADING EXHIBIT
 FOR MASS GRADING OF THE FORMER ICEPORT SITE
 CUDAHY, WI

NO.	DATE	DESIGN BY	DESCRIPTION

DESIGN BY: MAC
 DRAWN BY: MAC
 CHECKED BY: RAT
 DATE: 08-24-11
 SCALE: 1" = 40'
 SHEET NO: 2 OF 2

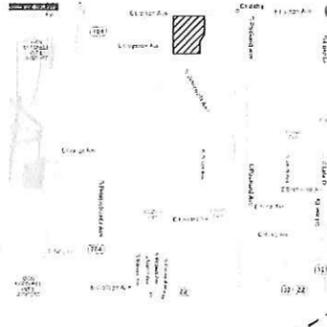
NOTES:

1. THE EXISTING TOPOGRAPHY FOR THIS EXHIBIT REFERENCES THE CAD FILE "TM1066-ANSI-E50.DWG", PREPARED BY CHAPUT LAND SURVEYS, RECEIVED ON 11-2-2010 AND 11-30-2010.
2. THE AS-BUILT SURVEY FOR THIS EXHIBIT REFERENCES THE CAD FILE ENTITLED "TM1066-D2.DWG" PREPARED BY CHAPUT LAND SURVEYS RECEIVED ON 07-11-2011.

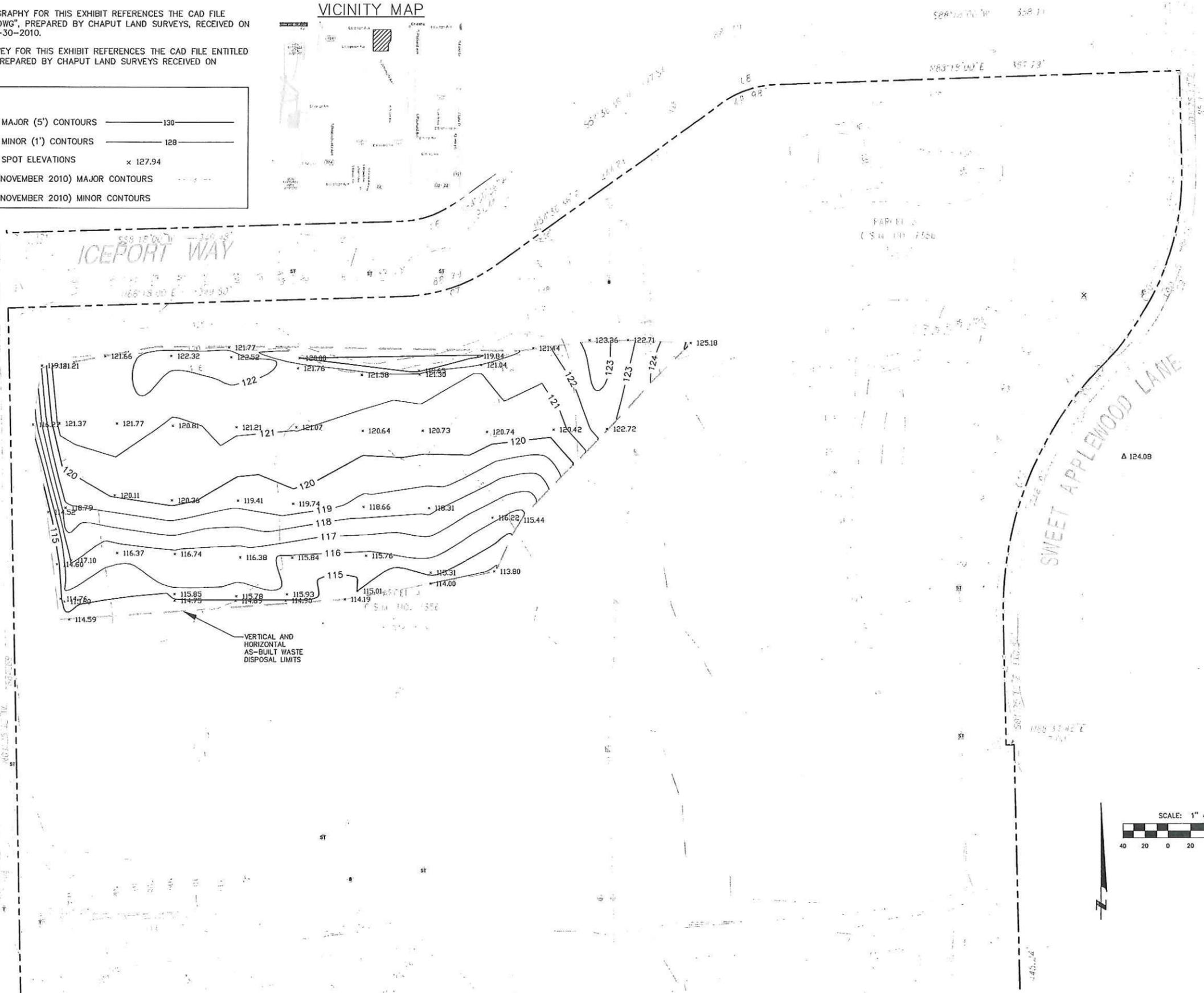
LEGEND:

- AS-BUILT SURVEY MAJOR (5') CONTOURS 130
- AS-BUILT SURVEY MINOR (1') CONTOURS 128
- AS-BUILT SURVEY SPOT ELEVATIONS 127.94
- EXISTING SURVEY (NOVEMBER 2010) MAJOR CONTOURS
- EXISTING SURVEY (NOVEMBER 2010) MINOR CONTOURS

VICINITY MAP



SOUTH NICHOLSON AVENUE



VERTICAL AND HORIZONTAL AS-BUILT WASTE DISPOSAL LIMITS

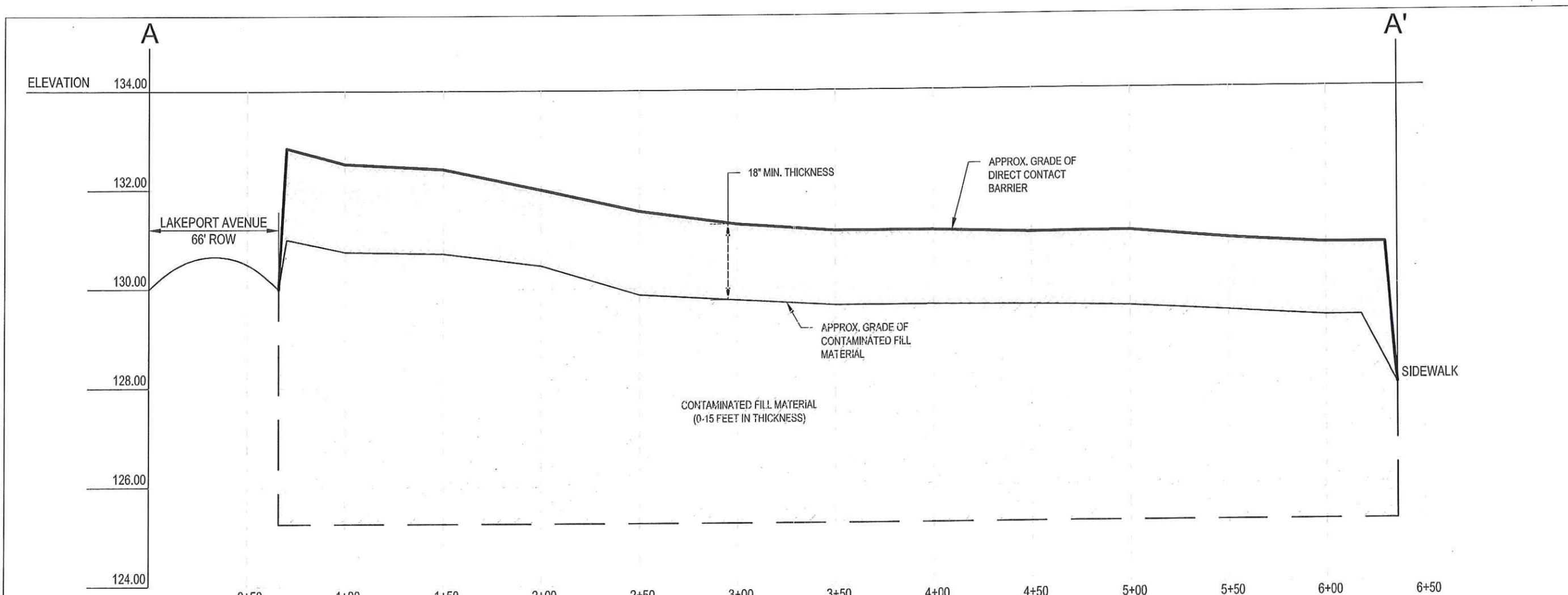
COLLINS ENGINEERS
 2033 West Howard Avenue
 Milwaukee, WI 53221
 Phone: 414-282-6905
 Fax: 414-282-6955

ENDPOINT SOLUTIONS
 12065 WEST JAMESVILLE ROAD
 STE 300
 HALES CORNERS, WI 53130

AS-BUILT WASTE DISPOSAL EXHIBIT
 FOR MASS GRADING OF THE FORMER ICEPORT SITE
 CUDAHY, WI

NO.	DATE	DESIGN BY	DESCRIPTION

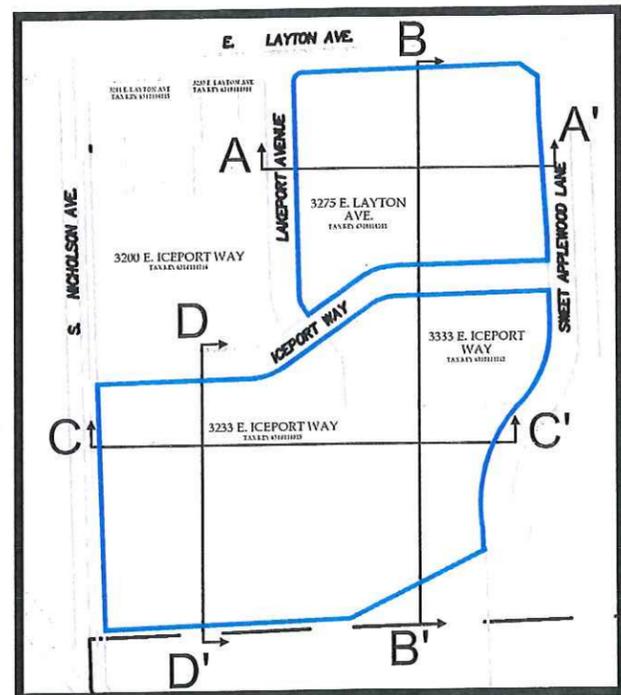
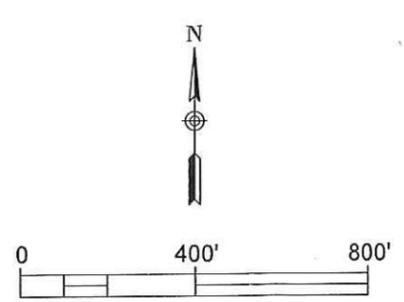
DESIGN BY: MAC
 DRAWN BY: MAC
 CHECKED BY: RAT
 DATE: 07-19-11
 SCALE: 1" = 40'
 SHEET NO: 1 OF 1



1" = 50'
 1" = 2'
 CROSS SECTION SCALE

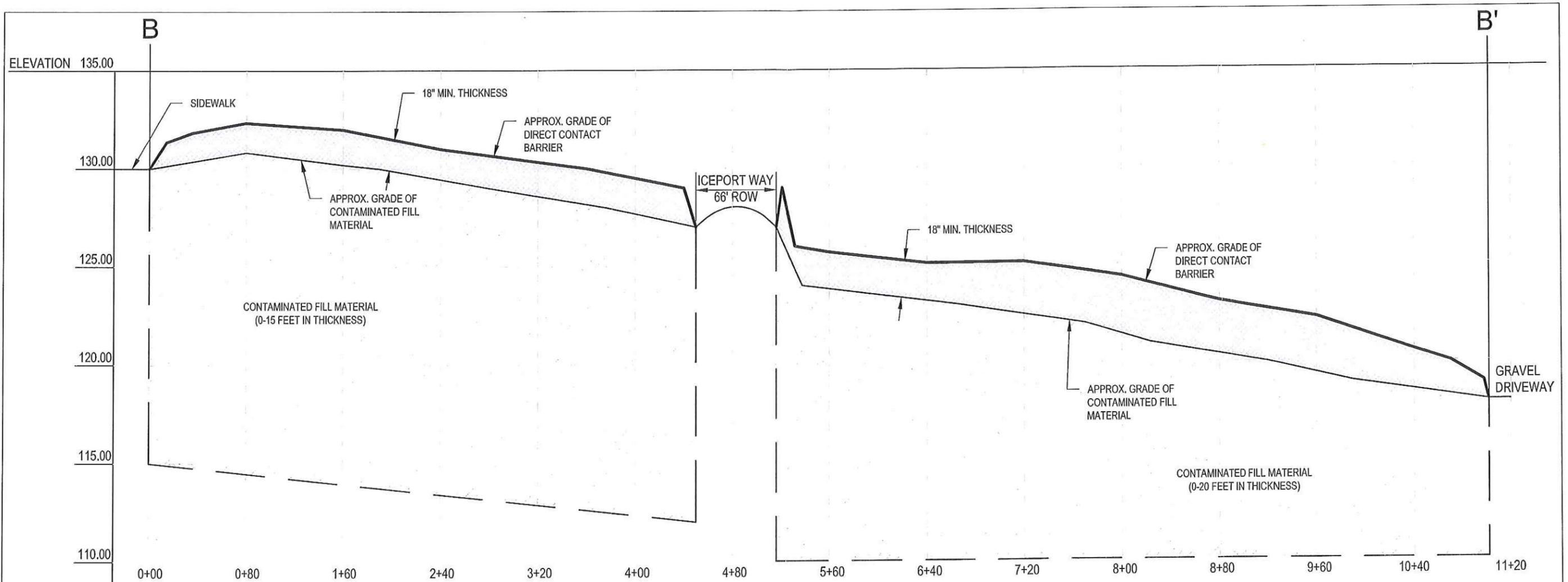
CROSS SECTION KEY

- LEGEND**
- DIRECT CONTACT BARRIER
 - FILL MATERIAL
 - APPROXIMATE FINAL GRADE
 - APPROXIMATE FILL MATERIAL GRADE (DASHED WHERE INFERRED)
 - DIRECT CONTACT BARRIER BOUNDARY



A-A' CROSS SECTION	
FORMER FIGGIE PROPERTY SITE WIDE FILL MATERIAL CUDAHY, WI	
Endpoint Solutions	
12065 West Janesville Road Hales Corners, WI 53130	
Phone: (414) 427-1200	Fax: (414) 427-1259
DRAWN BY: MMV	DATE: 09/14/2012
REVIEWED BY: WCW	PROJECT NO: 031-001-011
FIGURE 1	

P:\Cudahy\Closure-Parcel 1, 2, 4\Cross Sections_R1.dwg

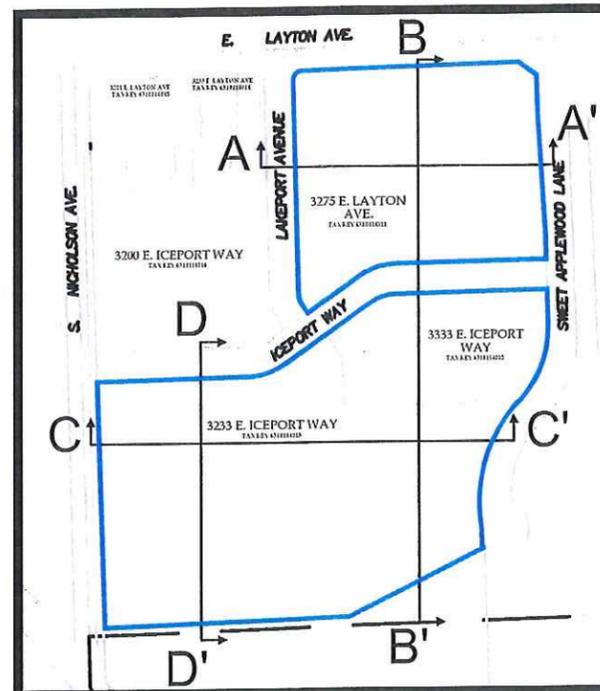
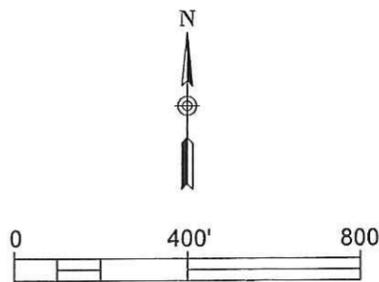


1" = 80'
 1" = 5'
 CROSS SECTION SCALE

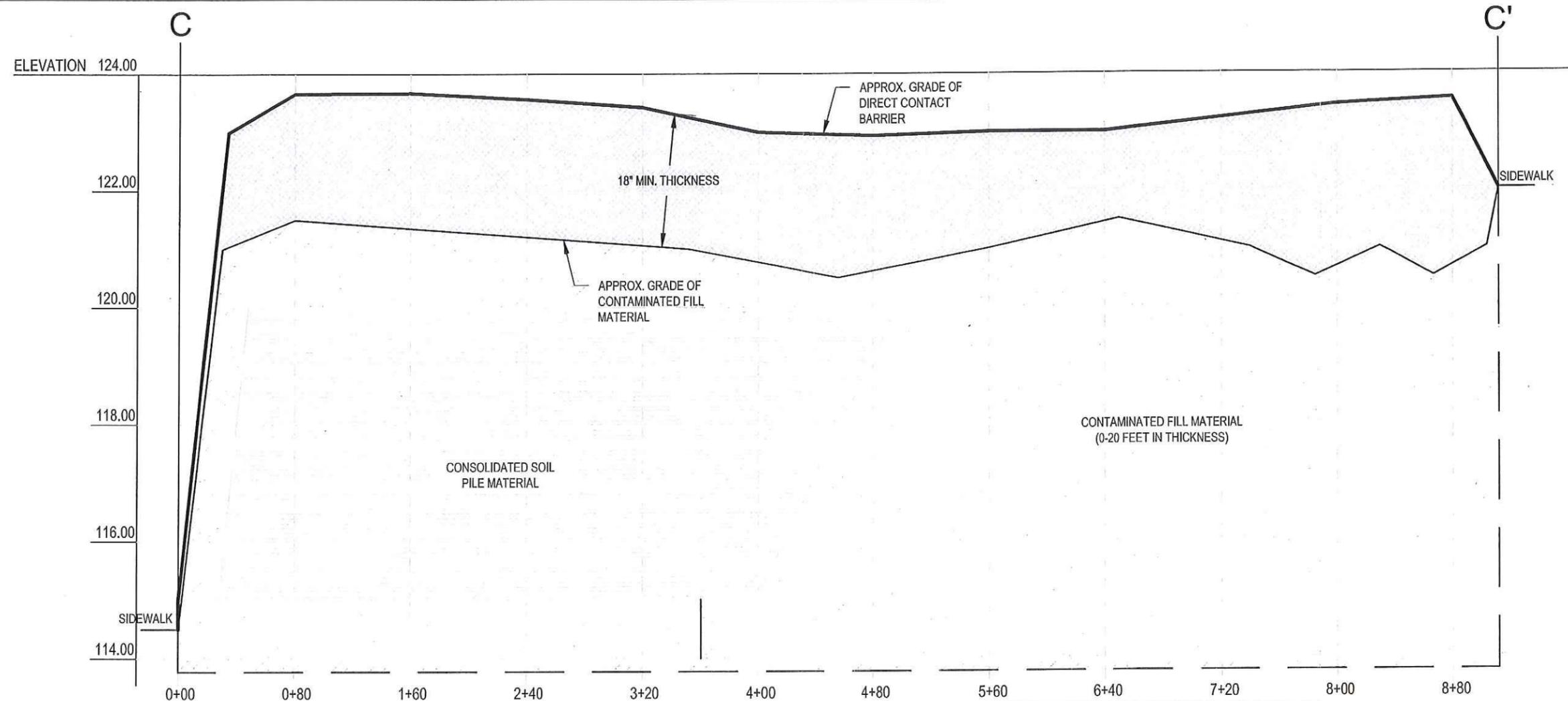
LEGEND

- DIRECT CONTACT BARRIER
- FILL MATERIAL
- APPROXIMATE FINAL GRADE
- APPROXIMATE FILL MATERIAL GRADE (DASHED WHERE INFERRED)
- DIRECT CONTACT BARRIER BOUNDARY

CROSS SECTION KEY



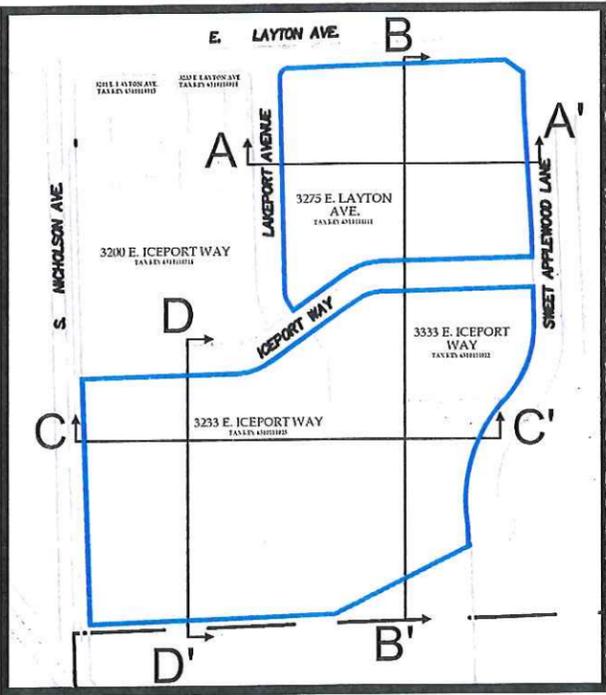
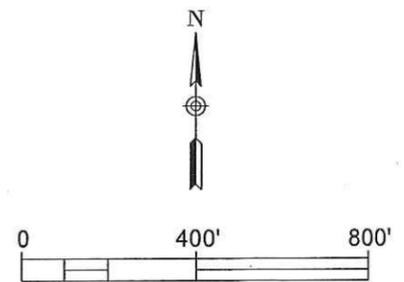
B-B' CROSS SECTION		
FORMER FIGGIE PROPERTY SITE WIDE FILL MATERIAL CUDAHY, WI		
Endpoint Solutions		
12065 West Janesville Road Hales Corners, WI 53130		
Phone: (414) 427-1200	DATE: 09/14/2012	Fax: (414) 427-1259
DRAWN BY: MMV	PROJECT NO: 031-001-011	FIGURE 2
REVIEWED BY: WCW		



1" = 80'
1" = 2'
CROSS SECTION SCALE

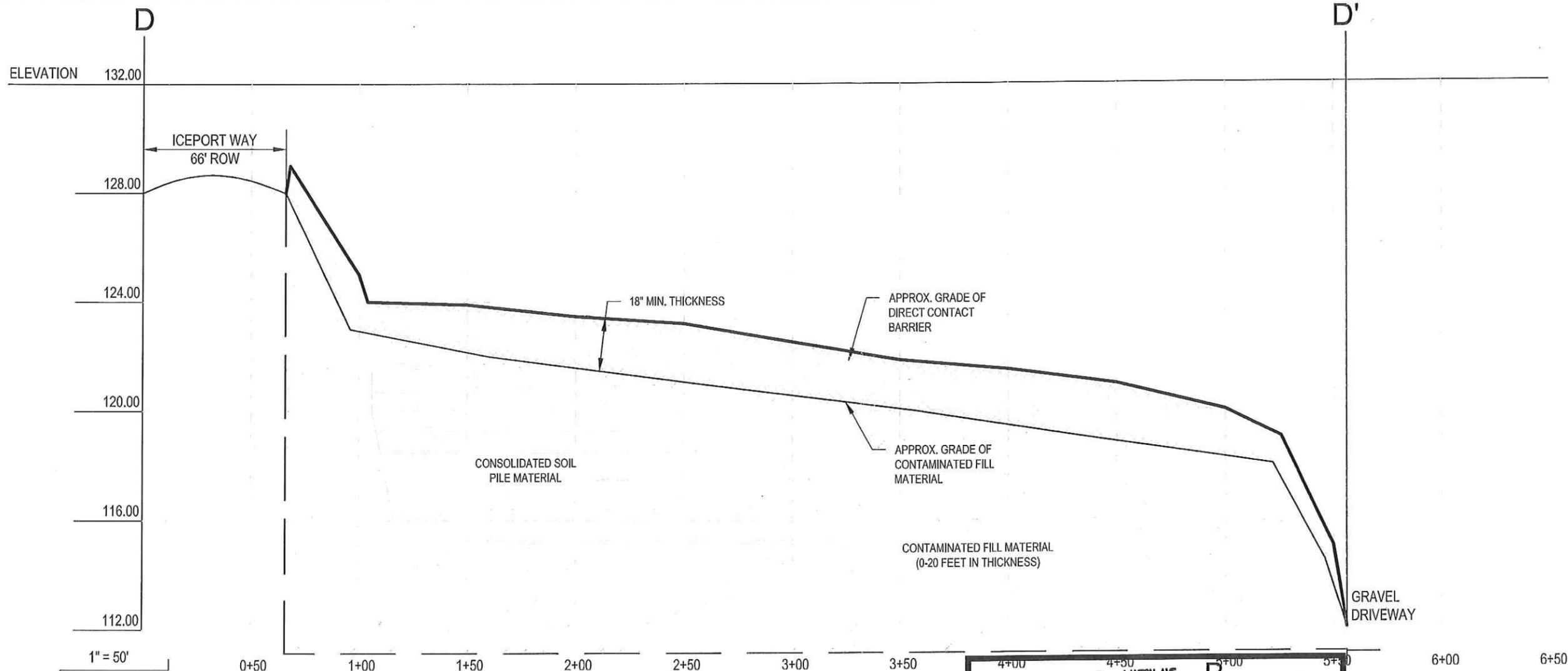
CROSS SECTION KEY

- LEGEND**
- DIRECT CONTACT BARRIER
 - FILL MATERIAL
 - CONSOLIDATED SOIL PILE MATERIAL
 - APPROXIMATE FINAL GRADE
 - APPROXIMATE FILL MATERIAL GRADE (DASHED WHERE INFERRED)
 - DIRECT CONTACT BARRIER BOUNDARY



C-C' CROSS SECTION		
FORMER FIGGIE PROPERTY SITE WIDE FILL MATERIAL CUDAHY, WI		
Endpoint Solutions		
12065 West Janesville Road Hales Corners, WI 53130		
Phone: (414) 427-1200	DATE: 09/14/2012	Fax: (414) 427-1259
DRAWN BY: MMV	REVIEWED BY: WCW	PROJECT NO: 031-001-011
		FIGURE 3

P:\Cudahy\Closure-Parcel 1, 2, 4\Cross Sections_R1.dwg

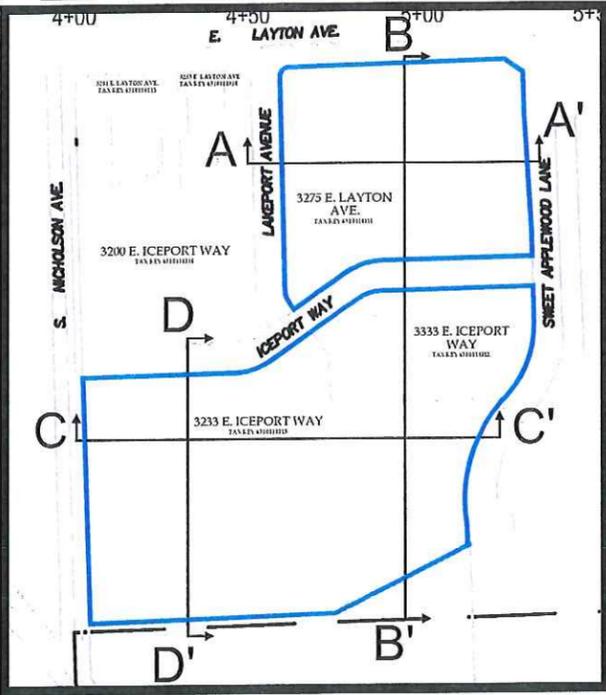
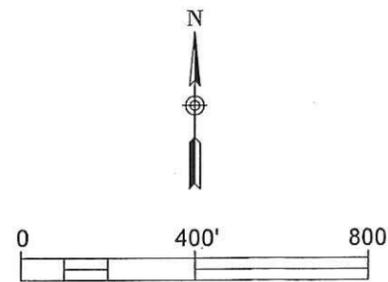


1" = 50'
1" = 4'
CROSS SECTION SCALE

CROSS SECTION KEY

LEGEND

- DIRECT CONTACT BARRIER
- FILL MATERIAL
- CONSOLIDATED SOIL PILE MATERIAL
- APPROXIMATE FINAL GRADE
- APPROXIMATE FILL MATERIAL GRADE (DASHED WHERE INFERRED)
- DIRECT CONTACT BARRIER BOUNDARY



D-D' CROSS SECTION		
FORMER FIGGIE PROPERTY SITE WIDE FILL MATERIAL CUDAHY, WI		
Endpoint Solutions		
12065 West Janesville Road Hales Corners, WI 53130		
Phone: (414) 427-1200	DATE: 06/14/2012	Fax: (414) 427-1259
DRAWN BY: MMV	PROJECT NO: 031-001-011	FIGURE 4
REVIEWED BY: WCW		

P:\Cudahy\Closure-Parcel 1_2_4\Cross Sections_R1.dwg



April 12, 2012

Ms. Mary Jo Lange
Director of Public Works / City Engineer
City of Cudahy
5050 S. Lake Drive
Cudahy, WI 53110

Subject: Conditional Case Closure with Requirements to Achieve Final Closure
Former Figgie Properties – Parcels 1, 2, and 4 at 4751 S. Meyer Place, Cudahy, WI
WDNR FID #241468370 BRRTS #02-41-245930

Dear Ms. Lange:

The Remediation and Redevelopment Program at the Wisconsin Department of Natural Resources (Department) has reviewed the conditional closure request for the case identified above. The Department reviews environmental remediation cases for compliance with state statutes to maintain consistency in the closure of these cases. On February 3, 2012, the Department received the "Former Iceport Property Site-Wide Fill Closure Request", submitted by your consultant, Mr. Wade Wollermann with Endpoint Solutions. The closure review fee and GIS Registry documentation and fee for residual soil contamination were also received. On April 3, 2012, the Department received the "Former Iceport Property Site-Wide Fill Additional Closure Information", also submitted by Mr. Wollermann.

The documents summarize the implementation of the approved Remedial Action Plan from April 26, 2011. Approximately 18,000 cubic yards from five existing soil piles were relocated and consolidated on-site. Approximately 170 tons of unsuitable material (concrete pieces, boulders, wood timbers, and other debris) were transported off site to a landfill facility. Approximately 52,000 cubic yards of clean fill were imported to construct an 18-inch thick direct contact soil barrier across the site. Vegetation was established to inhibit soil erosion and protect the soil barrier.

Historically, the Department referred to this site as Parcels 1, 2, and 4 of the Figgie Properties with the following street addresses:

Parcel 1 - 4751 S. Meyer Place
Parcel 2 - 4850 S. Nicholson Avenue
Parcel 4 - 4765 S. Meyer Place

East Iceport Way was constructed as a roadway and splits the site from east to west. The site has been subdivided into new parcels to facilitate development. New addresses were assigned to the new parcels as follows:

3233 E. Iceport Way includes all of the former Parcel 2, most of Parcel 1, and portions of Parcel 4.
3333 E. Iceport Way includes portions of the former Parcels 1 and 4.
3275 E. Layton Avenue includes most of the former Parcel 4.

The enclosed map illustrates the new addresses for these original parcels.

Following careful review of the closure request, including additional submitted information, the Department has determined that the PAH and metals contamination in the soil appears to have been investigated and remediated to the extent practicable under site conditions. This case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code, and the Department is issuing a conditional closure of this case pursuant to the following conditions and comments:

1. Historic fill materials in this area were found to contain primarily PAHs and metals. Volatile organic compounds (VOCs) and polychlorinated biphenyls (PCBs) were also detected in various soil samples. Residual PAHs, arsenic, cadmium, and lead were detected in fill materials at concentrations above suggested generic residual contaminant levels (RCLs).
2. It is estimated that approximately 2,000 to 5,000 cubic yards of additional clean fill is required to achieve the proper soil barrier thickness over the entire site. The Department will require documentation of additional soil importation with a final survey.
3. A Cap Maintenance Plan will be required to eliminate risks of direct contact exposure to the residual contaminated soil. A draft of the plan has been received and reviewed. The final plan will include final survey documentation.
4. To notify the public of residual soil contamination, the property will be listed on the DNR's GIS Registry. Final cross section maps will be included within the previously submitted GIS Registry packet of information.
5. An exemption from the DNR to build on historic fill will be required for any future development. See the following link for more information: <http://dnr.wi.gov/topic/landfills/development.html>
6. A Soil Management Plan should be prepared to ensure that any future construction contractors are aware of any special requirements necessary based on the soil contamination present on-site.
7. The closure request will be reviewed with the anticipated land use being commercial.

Following the importation of clean fill to achieve proper barrier thickness, please submit the requested documentation, in writing, to:

Ms. Victoria Stovall
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, WI 53212

Correspondence should reference the "Subject" name and file reference numbers listed above.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this decision or anything outlined in this letter, please contact the Project Manager, Scott Ferguson at 414-263-8685.

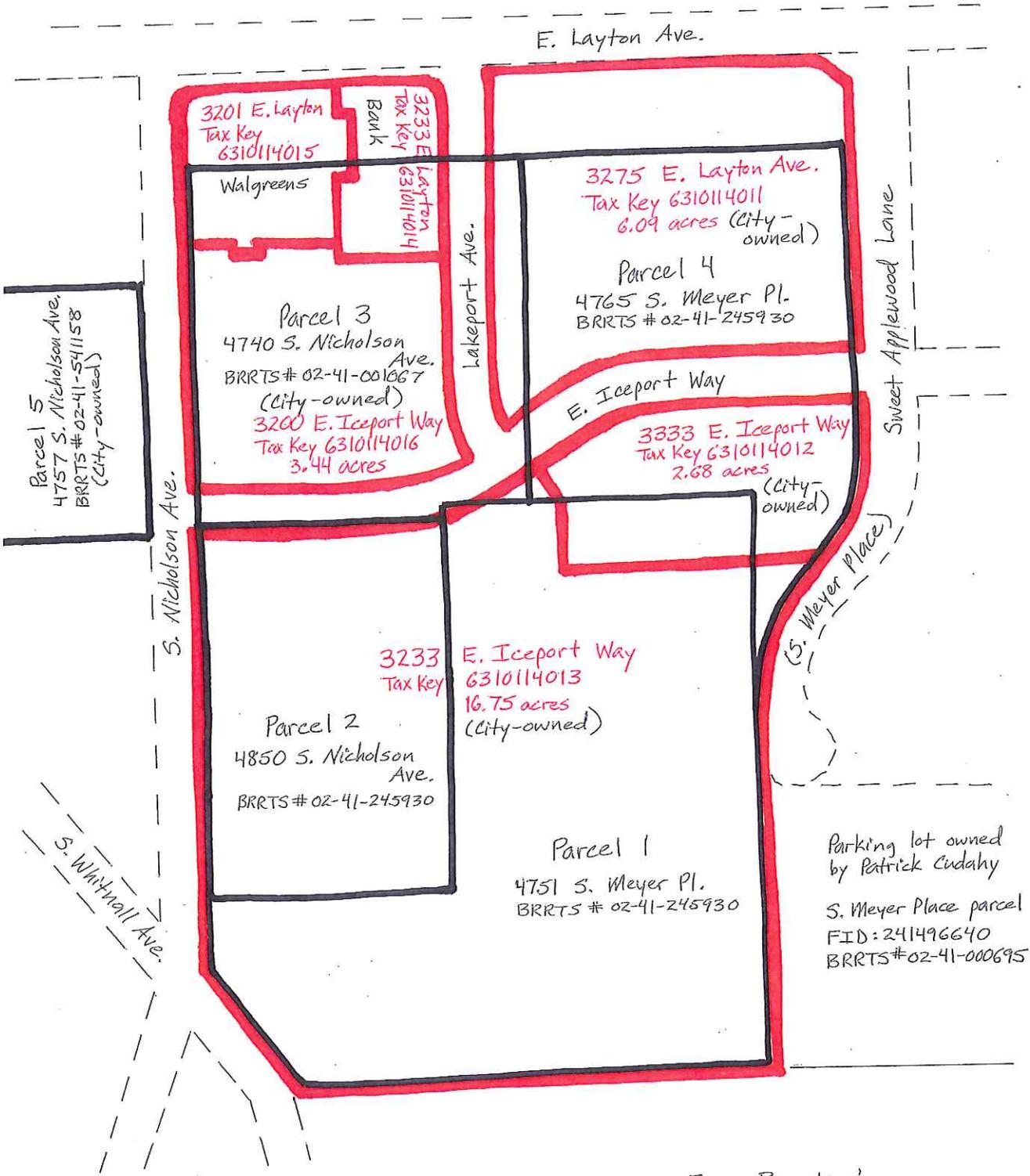
Sincerely,

Michele R. Norman

Michele R. Norman
Hydrogeologist
Remediation & Redevelopment Program

Enclosures: Map of Former Figgie Properties' Parcels with New Addresses

Cc: Wade C. Wollermann, Endpoint Solutions, 12065 West Janesville Road, Suite 300, Hales Corners, WI
DNR Case File



Map of Former Figgie Properties' Parcels with New Addresses

- Original parcel boundary
 - Revised/current parcel boundary
- ↑
N

QUIT CLAIM DEED

Document Number

This Deed, made between COMMUNITY DEVELOPMENT AUTHORITY, of the City of Cudahy, WI Grantor, and CITY OF CUDAHY, a municipal corporation Grantee.

Grantor quit claims to Grantee the following described real estate in Milwaukee County, State of Wisconsin (if more space is needed, please attach addendum):

Parcel 3 of Certified Survey Map No. 7393, recorded on April 1, 2004, on Reel 5807, Images 2521-2523, as Document No. 8755412, being a part of the Northwest 1/4 of the Northwest 1/4 of Section 26, Town 6 North, Range 22 East, in the City of Cudahy, County of Milwaukee, State of Wisconsin.

Parcels 2, 3 and 4 of Certified Survey Map No. 7356, recorded on January 8, 2004, on Reel 5747, Images 3077-3080, as Document No. 8714376, being a part of the Northwest 1/4 and Southwest 1/4 of the Northwest 1/4 of Section 26, Town 6 North, Range 22 East, in the City of Cudahy, County of Milwaukee, State of Wisconsin.

Property common addresses: 3333 Iceport Way; 3275 E. Layton Ave.; 3233 Iceport Way; and, 3200 E. Iceport Way.

Recording Area

Name and Return Address

Paul T. Eberhardy
Cudahy City Attorney
4600 S. Packard Avenue
Cudahy, WI 53110

Together with all appurtenant rights, title and interests.

Dated this 26th day of May, 2011.

[Handwritten signature of Richard Ceschin]

* RICHARD CESCHIN, CDA Chairperson

* BRUCE SCHUKNECHT, CDA Executive Director

AUTHENTICATION

Signature(s) RICHARD CESCHIN, CDA Chairperson and BRUCE SCHUKNECHT, CDA Executive Director

authenticated this ___ day of _____, _____

* PAUL T. EBERHARDY

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, _____ authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY ATTORNEY PAUL T. EBERHARDY

(Signatures may be authenticated or acknowledged. Both are not necessary.)

631-0114-012; 631-0114-011; 631-0114-013; and, 631-0114-016

Parcel Identification Number (PIN)

This is not homestead property. (is) (is not)

* _____

* _____

ACKNOWLEDGMENT

STATE OF _____)
) ss.
_____ County)

Personally came before me this _____ day of _____, _____ the above named

to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

* _____

Notary Public, State of _____

My Commission is permanent. (If not, state expiration date: _____)

* Names of persons signing in any capacity must be typed or printed below their signature.

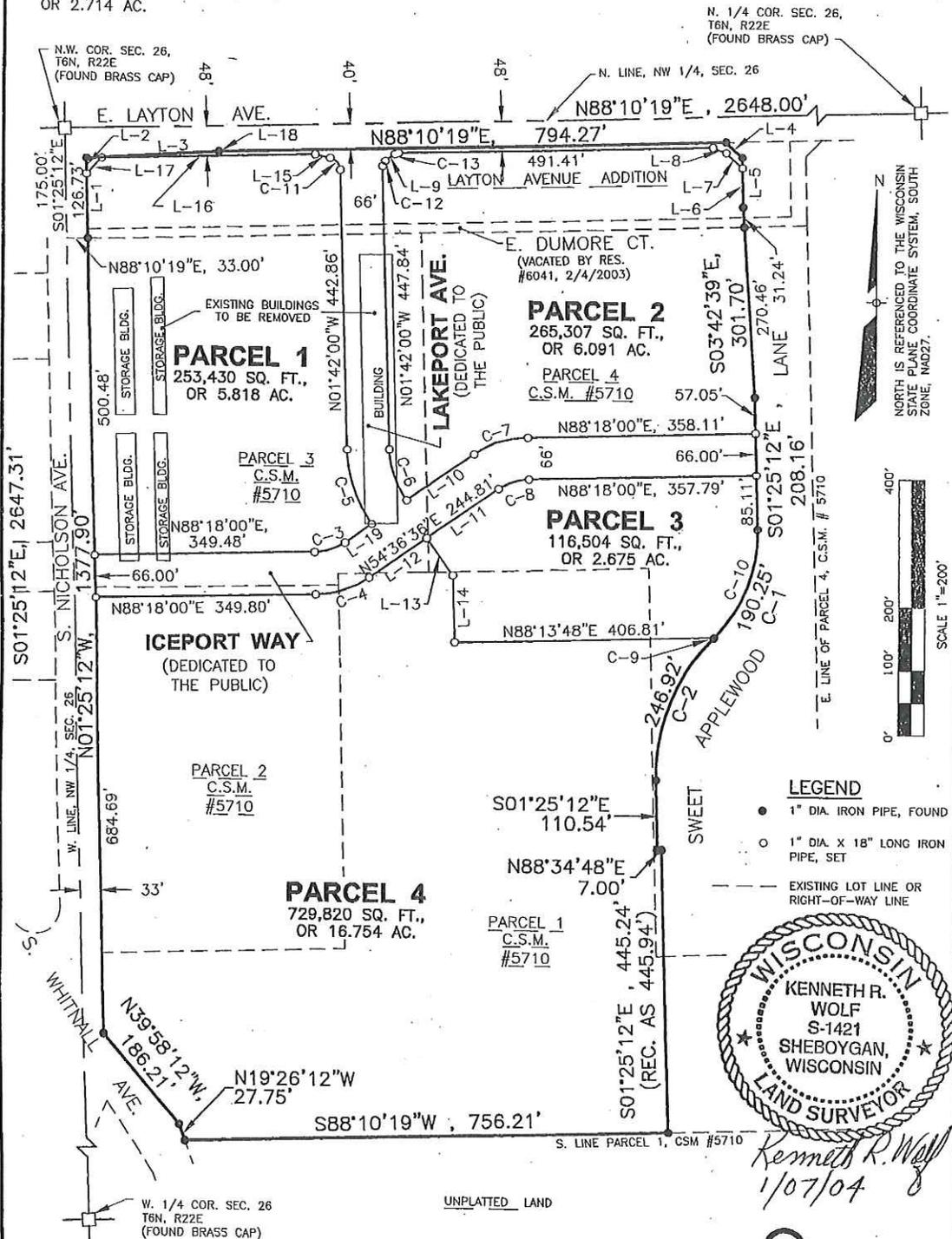
MILWAUKEE COUNTY CERTIFIED SURVEY MAP 7356

PART OF THE NW 1/4 AND SW 1/4 OF THE NW 1/4 OF SECTION 26, TOWNSHIP 6 NORTH, RANGE 22 EAST, CITY OF CUDAHY, MILWAUKEE COUNTY, WISCONSIN

REC. ON JAN. 8, 2004
Doc# 8714376

STREET DEDICATION OF ICEPORT WAY, LAKEPORT AVE., & W. LAYTON AVE.=118,200 SQ. FT., OR 2.714 AC.

THIS SPACE RESERVED FOR RECORDING DATA

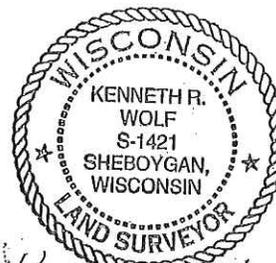


MILWAUKEE COUNTY CERTIFIED SURVEY MAP 7356

PART OF THE NW 1/4 AND SW 1/4 OF THE NW 1/4 OF SECTION 26, TOWNSHIP 6 NORTH, RANGE 22 EAST, CITY OF CUDAHY, MILWAUKEE COUNTY, WISCONSIN

CURVE DATA

CURVE NO.	RADIUS	DELTA ANGLE	ARC	CHORD	TAN. BEARING
C-1	235.00'	46°23'04"	190.25'	S21°46'20"W,	185.09' S01°25'12"E
C-2	305.00'	46°23'04"	246.92'	S21°46'20"W,	240.23' S44°57'52"W
C-3	85.00'	33°41'24"	49.98'	S71°27'18"W,	49.26'
C-4	151.00'	33°41'24"	88.79'	N71°27'18"E,	87.51'
C-5	211.64'	33°41'24"	124.45'	S18°32'42"E,	122.67'
C-6	145.64'	33°41'24"	85.24'	N18°32'42"W,	84.02'
C-7	151.00'	33°41'24"	88.79'	S71°27'18"W,	87.51'
C-8	85.00'	33°41'24"	49.98'	N71°27'18"E,	49.26'
C-9	235.00'	00°21'08"	1.45'	S44°47'18"W,	1.45'
C-10	235.00'	46°01'56"	188.80'	S21°35'46"W,	183.76'
C-11	20.00'	75°39'22"	26.41'	S39°31'41"E,	24.53'
C-12	10.00'	54°54'56"	9.58'	N25°45'29"E,	9.22'
C-13	10.00'	34°57'21"	6.10'	N70°41'39"E,	6.01'



Kenneth R. Wolf
1/07/04

LINE DATA

NUMBER	BEARING	DISTANCE	NUMBER	BEARING	DISTANCE
L-1	N01°25'12"W	101.73'	L-11	N54°36'36"E	136.73'
L-2	N01°25'12"W	25.00'	L-12	N54°36'36"E	108.08'
L-3	N86°05'31"E	210.20'	L-13	N35°23'24"W	69.97'
L-4	S46°29'42"E	35.33'	L-14	N01°42'00"W	106.05'
L-5	S01°25'12"E	78.65'	L-15	N77°21'22"W	23.97'
L-6	N01°25'12"W	61.70'	L-16	S88°10'19"W	337.41'
L-7	S46°29'42"E	35.25'	L-17	S43°03'20"W	35.68'
L-8	N68°41'28"W	22.93'	L-18	N01°25'12"W	0.65'
L-9	S53°12'57"W	18.48'	L-19	N54°36'36"E	51.27'
L-10	S54°36'36"W	127.54'			

CERTIFICATION OF CITY CLERK/TREASURER

I, Phillip A. Brannon, being the duly elected City Treasurer and City Clerk of the City of Cudahy, do hereby certify that in accordance with the records in the offices of the City Treasurer and City Clerk of the City of Cudahy, there are no unpaid taxes or unpaid special assessments on any of the lands included in this Certified Survey Map.

JAN. 8, 2004

Date

Phillip A. Brannon
Phillip A. Brannon, City Clerk/Treasurer

CERTIFICATION OF COUNTY TREASURER

I, Dorothy K. Dean, being the duly elected, qualified and acting County Treasurer of the County of Milwaukee, do hereby certify that the records in my office show no unredeemed tax sales and no unpaid taxes and special assessments as of _____ on any of the lands included in this Certified Survey Map, Key numbers _____
G31-0114-002, G31-0114-003, G31-0114-005, G31-0114-006

Date

Dorothy K. Dean, County Treasurer



MILWAUKEE COUNTY CERTIFIED SURVEY MAP

PART OF THE NW 1/4 AND SW 1/4 OF THE NW 1/4 OF SECTION 26, TOWNSHIP 6 NORTH, RANGE 22 EAST, CITY OF CUDAHY, MILWAUKEE COUNTY, WISCONSIN

SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN) SHEBOYGAN COUNTY) SS

A parcel of land, being all of Parcels 2 and 3, and parts of Parcels 1 and 4 of Milwaukee County Certified Survey Map No. 5710, filed July 14, 1992, and being located on Blocks 1, 2, 3 and 4 of the Plat of Layton Avenue Addition, being part of the NW 1/4 of Section 26, Township 6 North, Range 22 East, City of Cudahy, Milwaukee County, Wisconsin, being more particularly described as:

Beginning at the Northwest corner of said Section 26; thence S01°-25'-12"E, along the west line of said NW 1/4 of Section 26, 175.00 feet; thence N88°-10'-19"E, parallel with the north line of the NW 1/4 of Section 26, 33.00 feet, to the Northwest corner of Parcel 3 of said Certified Survey Map No. 5710 and the Point of Beginning of this description; thence N01°-25'-12"W, along the east right-of-way line of S. Nicholson Avenue, 126.73 feet; thence N86°-05'-31"E, along the south right-of-way line of E. Layton Avenue, 210.20 feet; thence N01°-25'-12"W, 0.65 feet; thence N88°-10'-19"E, along said south right-of-way line, 794.27 feet to the west right-of-way line of Sweet Applewood Lane; thence S46°-29'-42"E, 35.33 feet; thence S01°-25'-12"E, 78.65 feet; thence S03°-42'-39"E, along said westerly right-of-way line, 301.70 feet; thence S01°-25'-12"E, along said westerly right-of-way line, 208.16 feet to the beginning of a curve to the right, having its radius point bearing westerly, 235.00 feet; thence southwesterly 190.25 feet along the arc of said curve, the long chord of which bears S21°-46'-20"W, 185.09 feet to a point of reverse curvature; thence southwesterly 246.92 feet along the arc of said curve to the left, having its radius point bearing southeasterly, 305.00 feet, and its long chord bearing S21°-46'-20"W, 240.23 feet; thence S01°-25'-12"E, along said west right-of-way line and its extension, 110.54 feet; thence N88°-34'-48"E, 7.00 feet; thence S01°-25'-12"E, 445.24 feet (recorded as 445.94 feet) to the south line of Parcel 1 of said Certified Survey Map No. 5710; thence S88°-10'-19"W, along the said south line, 756.21 feet to the northeasterly right-of-way line of S. Whitnall Avenue; thence N19°-26'-12"W, along said northeasterly right-of-way line, 27.75 feet; thence N39°-58'-12"W, along said northeasterly right-of-way line, 186.21 feet to the east right-of-way line of S. Nicholson Avenue; thence N01°-25'-12"W, on a line which is 33.00 feet east of and parallel with the west line of the NW 1/4 of Section 26, 1251.17 feet to the Point of Beginning and the end of this description; Containing 1,483,261 square feet, or 34.051 acres of land.

I, Kenneth R. Wolf, Registered Land Surveyor of Earth Tech, Inc., hereby certify that this survey is correct to the best of my knowledge and belief.

Kenneth R. Wolf
Kenneth R. Wolf S-1421
1/07/04
Date

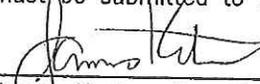


MILWAUKEE COUNTY CERTIFIED SURVEY MAP _____

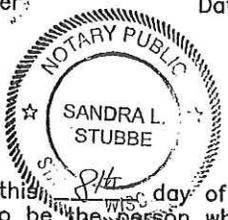
PART OF THE NW 1/4 AND SW 1/4 OF THE NW 1/4 OF SECTION 26, TOWNSHIP 6 NORTH, RANGE 22 EAST, CITY OF CUDAHY, MILWAUKEE COUNTY, WISCONSIN

OWNER'S CERTIFICATE

Sportsites, LLC, a Limited Liability Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, as Owner, does hereby certify that said corporation caused the land described on this map to be surveyed, divided, mapped and dedicated as represented on this map. We further certify that this map must be submitted to the City of Cudahy for its review and approval.


James Kasten, Managing Partner,
Sportsites, LLC

January 8, 2004
Date



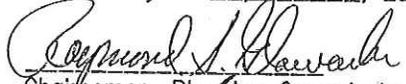
STATE OF WISCONSIN)
MILWAUKEE COUNTY) SS

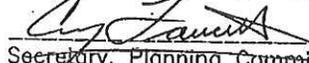
PERSONALLY came before me this 8th day of January, 2004, the above named James Kasten, to me known to be the person who executed the foregoing instrument and acknowledged that he executed the foregoing instrument as Managing Partner of said corporation by its authority.

Sandra L. Stubbe, Notary Public, Milwaukee County, Wisconsin.
My Commission Expires May 1-2005

PLANNING COMMISSION APPROVAL

APPROVED and accepted by the Planning Commission of the City of Cudahy this 13th day of May, 2004.


Chairperson, Planning Commission


Secretary, Planning Commission

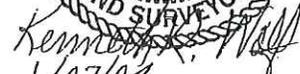
COMMON COUNCIL APPROVAL

APPROVED and the road dedication is accepted by the Common Council of the City of Cudahy in accordance with Resolution Number 6066, adopted on the 3rd day of JUNE, 2004.

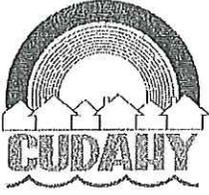

Raymond S. Glowacki, Mayor


Philip A. Brannon, City Clerk




1/07/04

EARTH  TECH



Director of Public Works
City of Cudahy
5050 S. Lake Dr.
P.O. Box 100510
Cudahy, WI 53110-6108

PH: (414) 769-2253
Fax: (414) 769-2257

January 3, 2012

Mr. Scott Ferguson
Wisconsin Department of Natural Resources
2300 N Dr Martin Luther King Jr Dr
Milwaukee, WI 53212

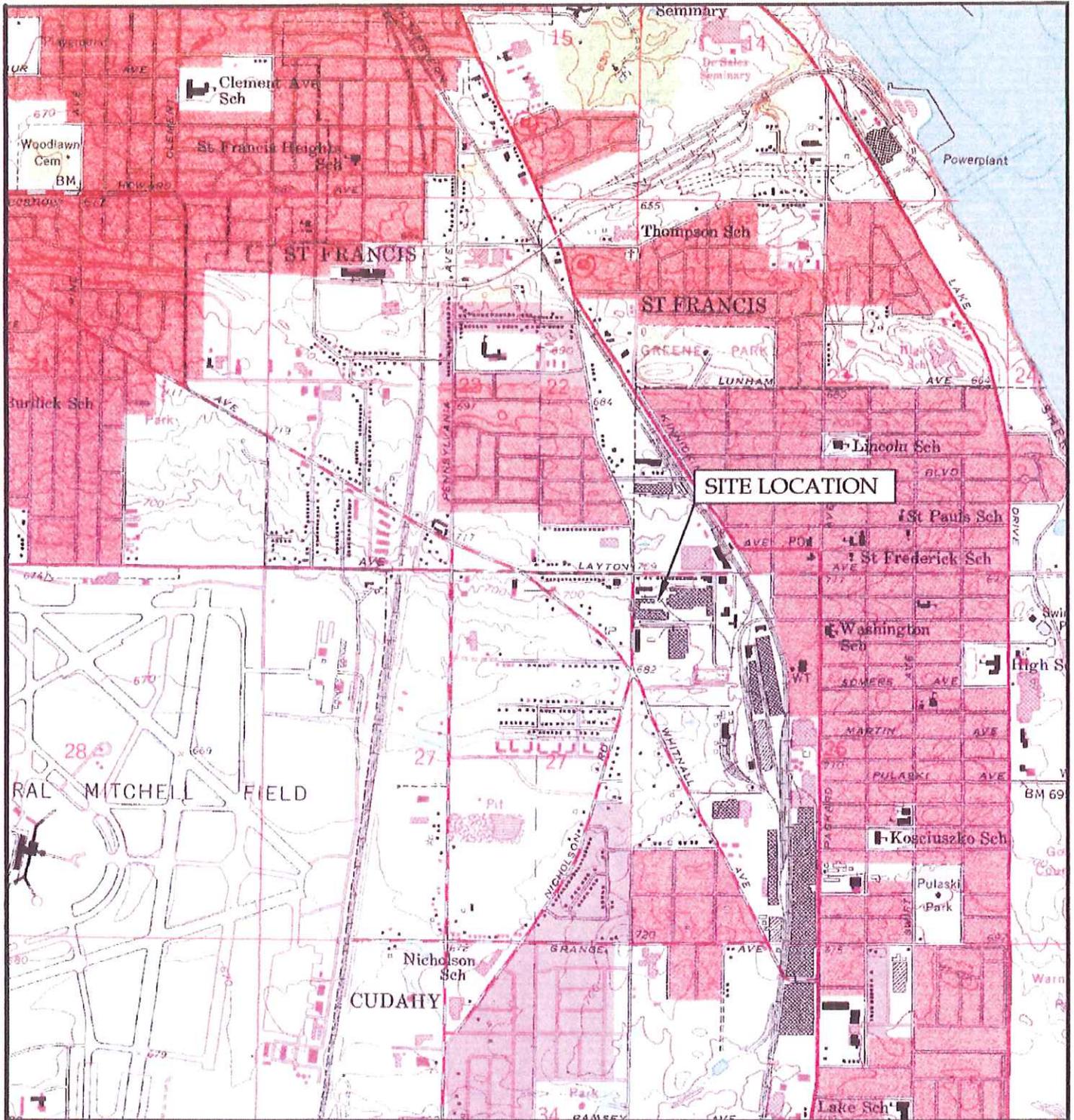
Subject: Deed Certification, Former Figgie Properties Site-Wide Fill, Cudahy, Wisconsin
BRRS #02-41-245930
FID# 241468370

Mr. Ferguson:

I, Mary Jo Lange, Responsible Party (RP) for the City of Cudahy do hereby certify that to the best of my knowledge, the legal descriptions included for Tax Key Numbers: 6310114011, 6310114012, and 6310114013 are complete and accurate for the purpose of registering this site onto the Wisconsin GIS Registry of Closed Remediation Sites. If you have questions regarding the above please feel free to contact me at (414) 769-2253 or by e-mail at langemj@ci.cudahy.wi.us.

Sincerely,

Mary Jo Lange, P.E.
Director of Public Works



NOTE: IMAGE WAS TAKEN FROM STORE.USGS.GOV
 GREENDALE AND SOUTH MILWAUKEE QUADRANGLES

SCALE: 1"=1000'



SITE LOCATION MAP

FORMER ICEPORT PROPERTIES
 CUDAHY, WISCONSIN

Endpoint Solutions

12065 West Janesville Road
 Hales Corners, WI 53130

Phone: (414) 427-1200

Fax: (414) 427-1259

DRAWN BY: DJK

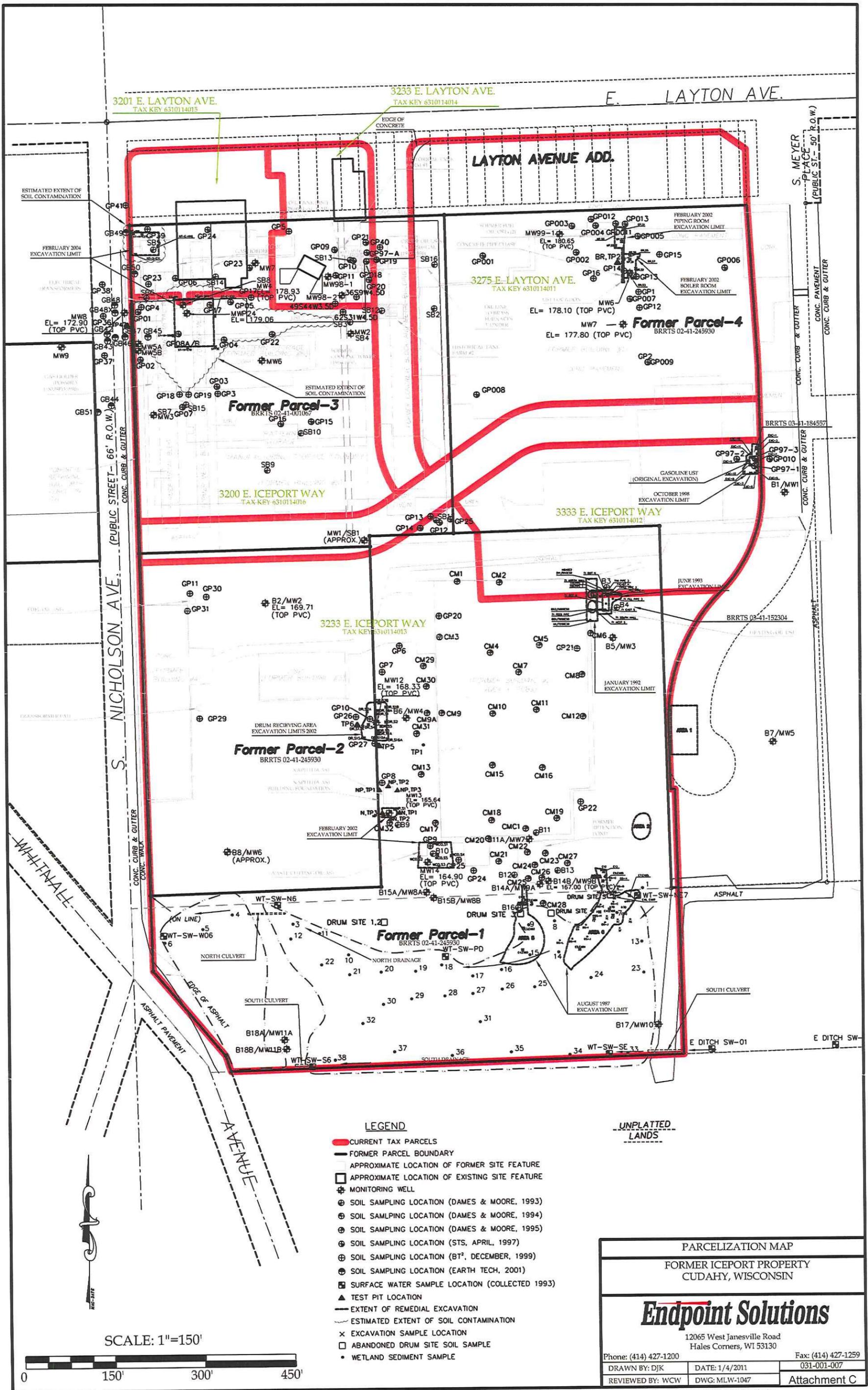
DATE: 1/24/2011

031-001-007

REVIEWED BY: WCW

DWG: MLW-1047

Attachment B



LEGEND

- CURRENT TAX PARCELS
- FORMER PARCEL BOUNDARY
- APPROXIMATE LOCATION OF FORMER SITE FEATURE
- APPROXIMATE LOCATION OF EXISTING SITE FEATURE
- ⊕ MONITORING WELL
- ⊕ SOIL SAMPLING LOCATION (DAMES & MOORE, 1993)
- ⊕ SOIL SAMPLING LOCATION (DAMES & MOORE, 1994)
- ⊕ SOIL SAMPLING LOCATION (DAMES & MOORE, 1995)
- ⊕ SOIL SAMPLING LOCATION (STS, APRIL, 1997)
- ⊕ SOIL SAMPLING LOCATION (BT², DECEMBER, 1999)
- ⊕ SOIL SAMPLING LOCATION (EARTH TECH, 2001)
- ⊕ SURFACE WATER SAMPLE LOCATION (COLLECTED 1993)
- ▲ TEST PIT LOCATION
- EXTENT OF REMEDIAL EXCAVATION
- ESTIMATED EXTENT OF SOIL CONTAMINATION
- × EXCAVATION SAMPLE LOCATION
- ABANDONED DRUM SITE SOIL SAMPLE
- WETLAND SEDIMENT SAMPLE

UNPLATTED LANDS

PARCELIZATION MAP

FORMER ICEPORT PROPERTY
CUDAHY, WISCONSIN

Endpoint Solutions

12065 West Janesville Road
Hales Corners, WI 53130

Phone: (414) 427-1200

Fax: (414) 427-1259

DRAWN BY: DJK

DATE: 1/4/2011

031-001-007

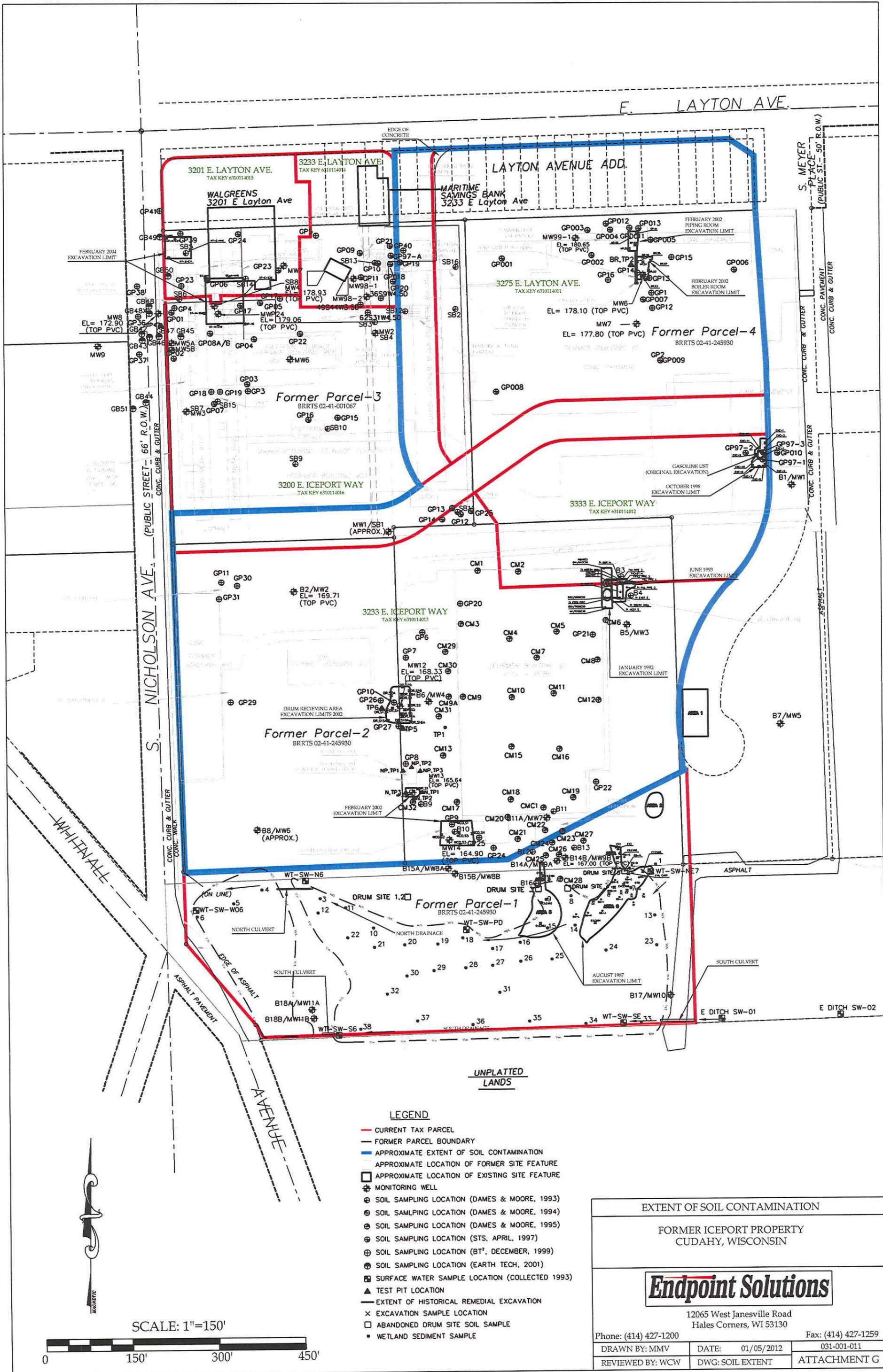
REVIEWED BY: WCV

DWG: MLW-1047

Attachment C

SCALE: 1"=150'





LEGEND

- CURRENT TAX PARCEL
- FORMER PARCEL BOUNDARY
- APPROXIMATE EXTENT OF SOIL CONTAMINATION
- APPROXIMATE LOCATION OF FORMER SITE FEATURE
- APPROXIMATE LOCATION OF EXISTING SITE FEATURE
- ⊕ MONITORING WELL
- ⊕ SOIL SAMPLING LOCATION (DAMES & MOORE, 1993)
- ⊕ SOIL SAMPLING LOCATION (DAMES & MOORE, 1994)
- ⊕ SOIL SAMPLING LOCATION (DAMES & MOORE, 1995)
- ⊕ SOIL SAMPLING LOCATION (STS, APRIL, 1997)
- ⊕ SOIL SAMPLING LOCATION (B7, DECEMBER, 1999)
- ⊕ SOIL SAMPLING LOCATION (EARTH TECH, 2001)
- ⊕ SURFACE WATER SAMPLE LOCATION (COLLECTED 1993)
- ▲ TEST PIT LOCATION
- EXTENT OF HISTORICAL REMEDIAL EXCAVATION
- × EXCAVATION SAMPLE LOCATION
- ABANDONED DRUM SITE SOIL SAMPLE
- WETLAND SEDIMENT SAMPLE

EXTENT OF SOIL CONTAMINATION

FORMER ICEPORT PROPERTY
CUDAHY, WISCONSIN

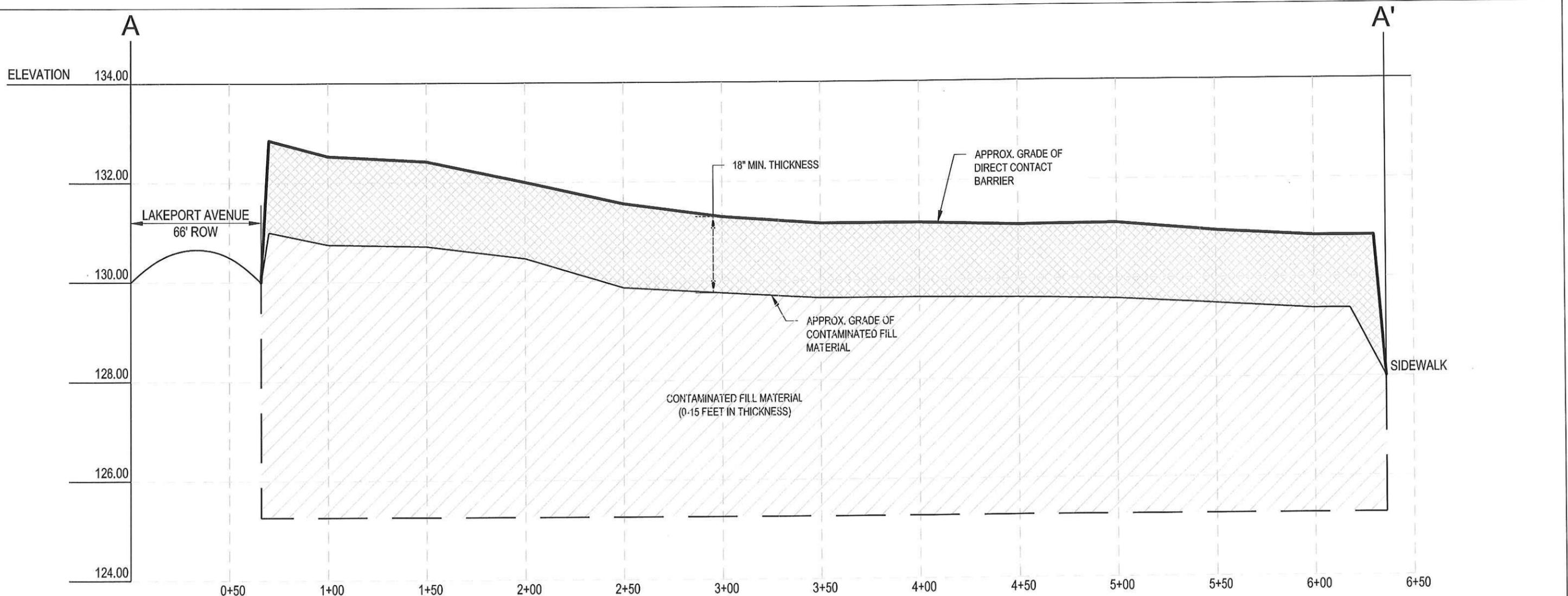


12065 West Janesville Road
Hales Corners, WI 53130

Phone: (414) 427-1200	DATE: 01/05/2012	Fax: (414) 427-1259
DRAWN BY: MMV	DWG: SOIL EXTENT	031-001-011
REVIEWED BY: WCW		ATTACHMENT G

SCALE: 1"=150'

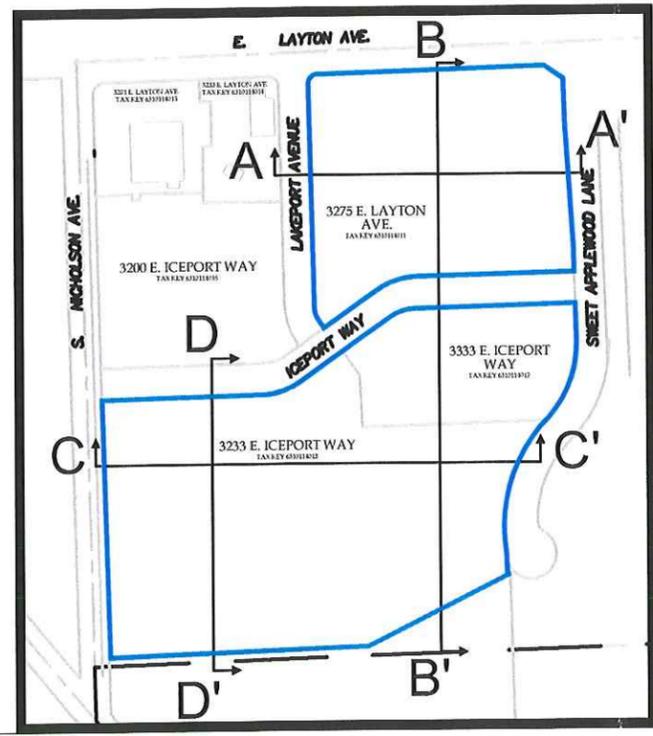
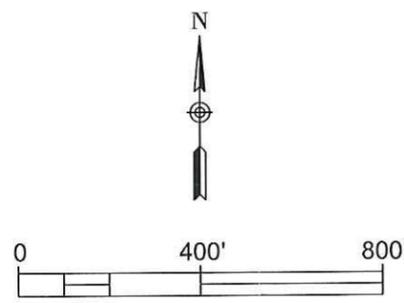




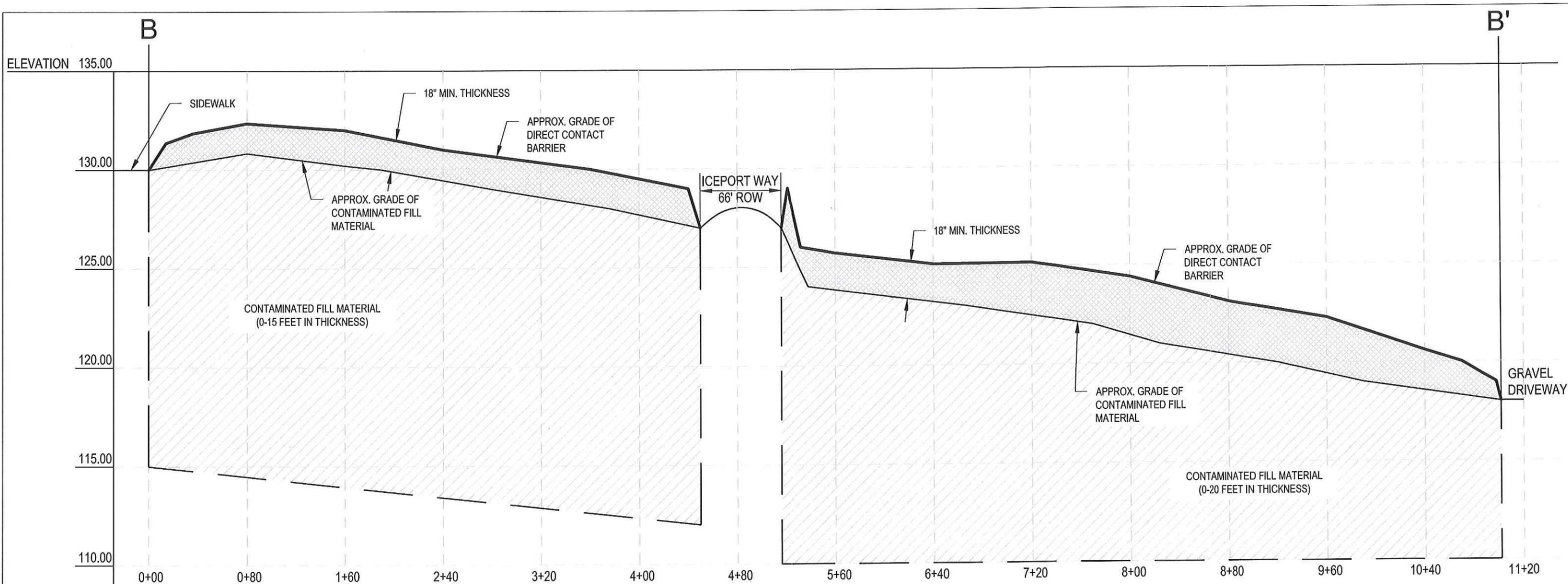
1" = 50'
 1" = 2'
 CROSS SECTION SCALE

CROSS SECTION KEY

- LEGEND**
- DIRECT CONTACT BARRIER
 - FILL MATERIAL
 - APPROXIMATE FINAL GRADE
 - APPROXIMATE FILL MATERIAL GRADE (DASHED WHERE INFERRED)
 - DIRECT CONTACT BARRIER BOUNDARY



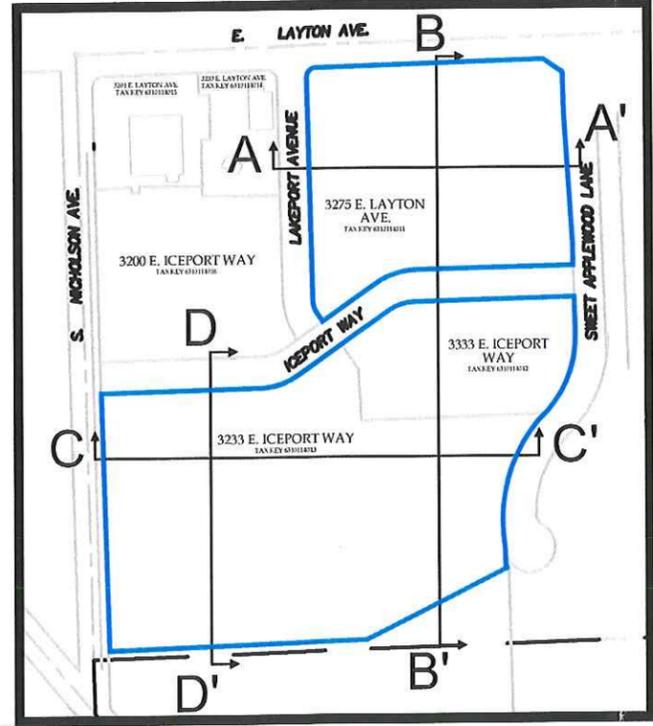
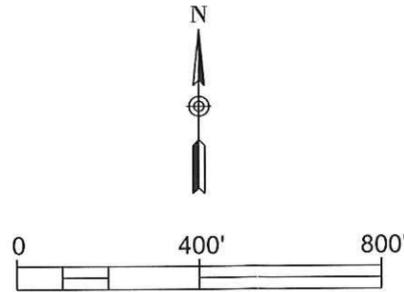
A-A' CROSS SECTION		
FORMER FIGGIE PROPERTY SITE WIDE FILL MATERIAL CUDAHY, WI		
Endpoint Solutions		
12065 West Janesville Road Hales Corners, WI 53130		
Phone: (414) 427-1200	DATE: 09/14/2012	Fax: (414) 427-1259
DRAWN BY: MMV	PROJECT NO: 031-001-011	FIGURE 1
REVIEWED BY: WCW		



1" = 80'
1" = 5'
CROSS SECTION SCALE

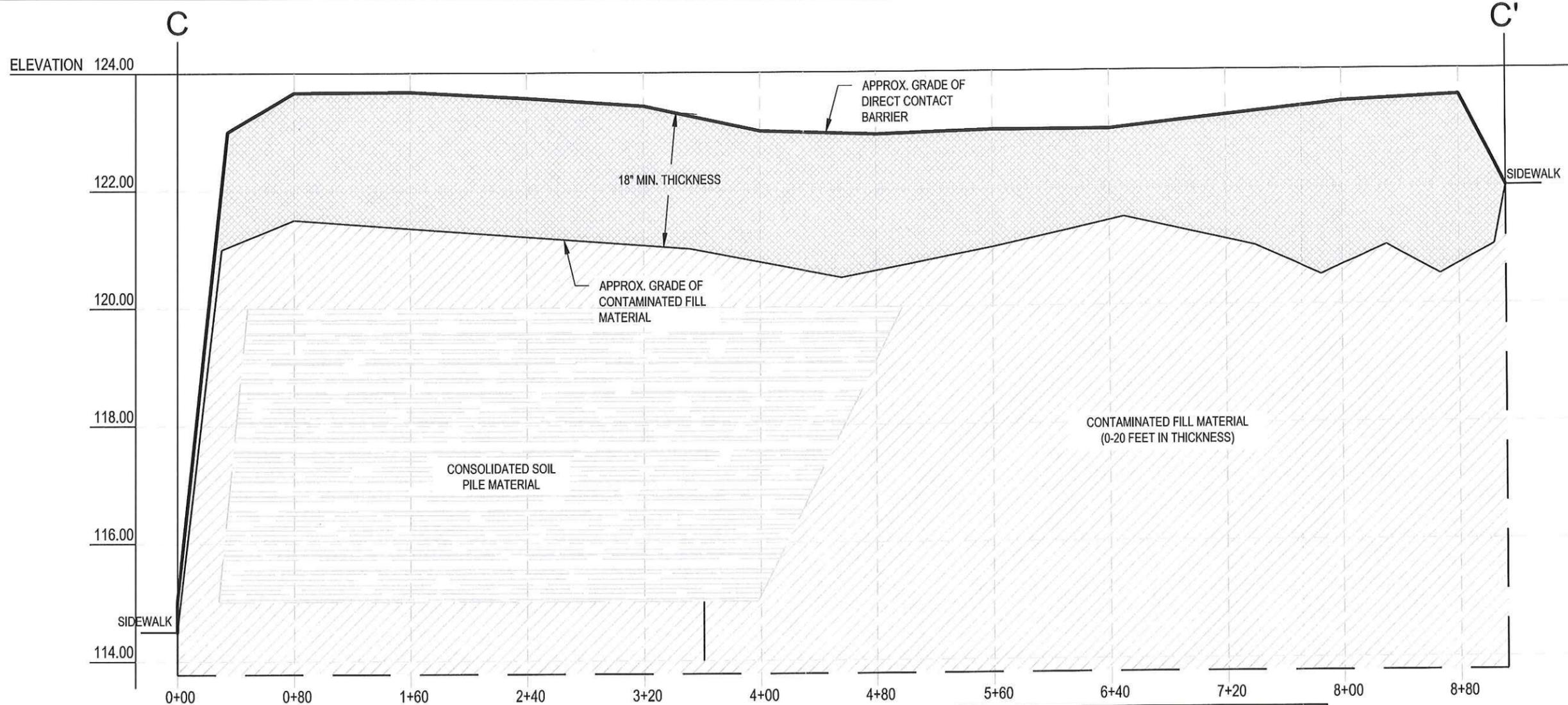
- LEGEND**
- DIRECT CONTACT BARRIER
 - FILL MATERIAL
 - APPROXIMATE FINAL GRADE
 - APPROXIMATE FILL MATERIAL GRADE (DASHED WHERE INFERRED)
 - DIRECT CONTACT BARRIER BOUNDARY

CROSS SECTION KEY



B-B' CROSS SECTION		
FORMER FIGGIE PROPERTY SITE WIDE FILL MATERIAL CUDAHY, WI		
Endpoint Solutions		
12065 West Janesville Road Hales Corners, WI 53130		
Phone: (414) 427-1200	DATE: 09/14/2012	Fax: (414) 427-1259
DRAWN BY: MMV	PROJECT NO: 031-001-011	FIGURE 2
REVIEWED BY: WCW		

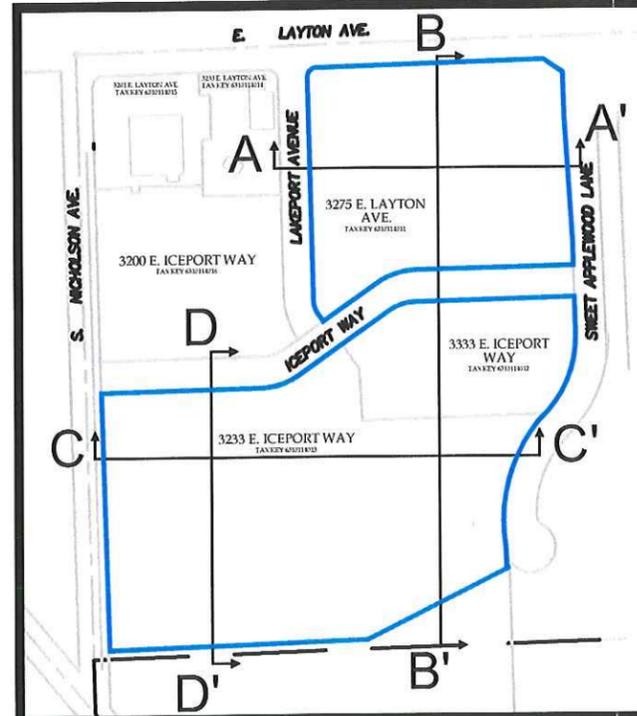
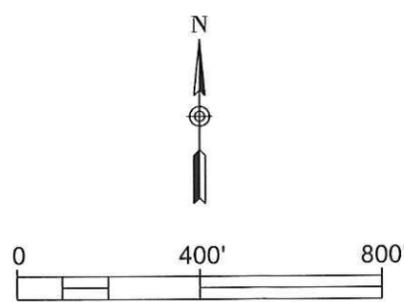
P:\Cudahy\Closure-Parcel 1, 2, 4\Cross Sections_R1.dwg



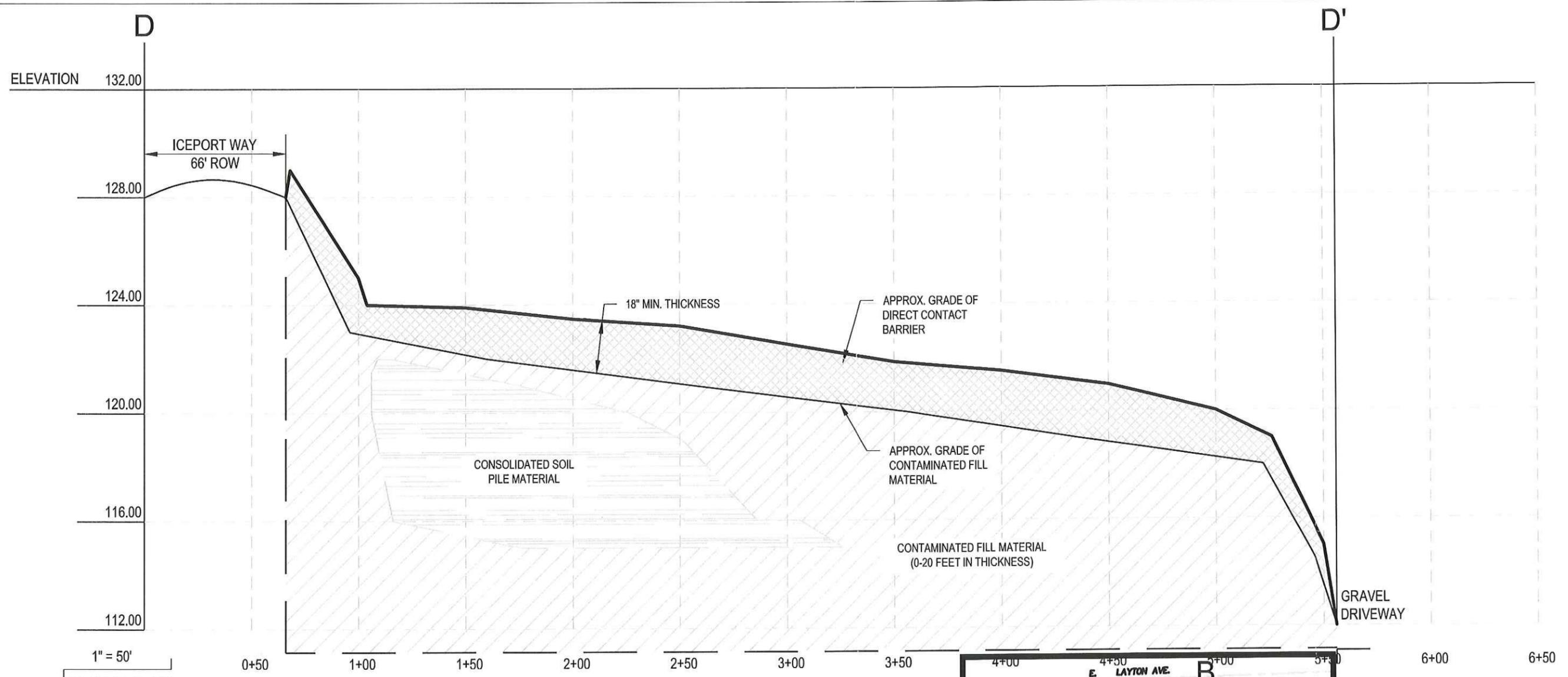
1" = 80'
 1" = 2'
 CROSS SECTION SCALE

LEGEND

- DIRECT CONTACT BARRIER
- FILL MATERIAL
- CONSOLIDATED SOIL PILE MATERIAL
- APPROXIMATE FINAL GRADE
- APPROXIMATE FILL MATERIAL GRADE (DASHED WHERE INFERRED)
- DIRECT CONTACT BARRIER BOUNDARY

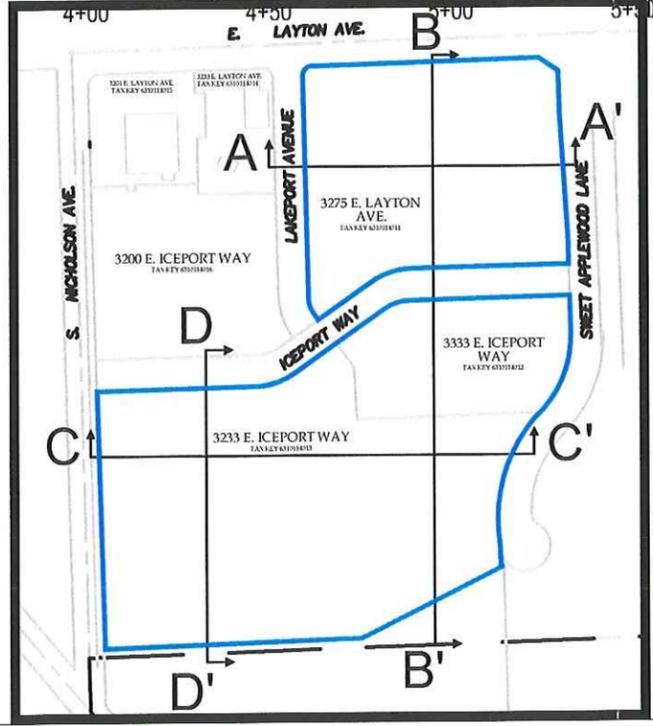


C-C' CROSS SECTION		
FORMER FIGGIE PROPERTY SITE WIDE FILL MATERIAL CUDAHY, WI		
Endpoint Solutions		
12065 West Janesville Road Hales Corners, WI 53130		
Phone: (414) 427-1200	DATE: 09/14/2012	Fax: (414) 427-1259
DRAWN BY: MMV	PROJECT NO: 031-001-011	FIGURE 3
REVIEWED BY: WCW		

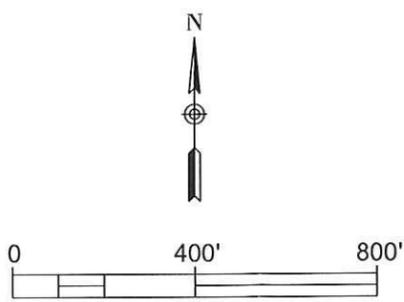


1" = 50'
 1" = 4'
 CROSS SECTION SCALE

CROSS SECTION KEY



- LEGEND**
- DIRECT CONTACT BARRIER
 - FILL MATERIAL
 - CONSOLIDATED SOIL PILE MATERIAL
 - APPROXIMATE FINAL GRADE
 - APPROXIMATE FILL MATERIAL GRADE (DASHED WHERE INFERRED)
 - DIRECT CONTACT BARRIER BOUNDARY



D-D' CROSS SECTION		
FORMER FIGGIE PROPERTY SITE WIDE FILL MATERIAL CUDAHY, WI		
Endpoint Solutions		
12065 West Janesville Road Hales Corners, WI 53130		
Phone: (414) 427-1200	DATE: 06/14/2012	Fax: (414) 427-1259
DRAWN BY: MMV	PROJECT NO: 031-001-011	FIGURE 4
REVIEWED BY: WCV		

P:\Cudahy\Closure-Parcel 1, 2, 4\Cross Sections_R1.dwg

Table 4
 Soil Analytical Results Summary Parcels 1, 2, and 4 - PAHs
 Cudahy Business Park Redevelopment / Project #2013
 (Results are in mg/kg, except where noted otherwise)

Sample	Parcel ID	Date	Depth (feet)	Lab Notes	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(ghi)perylene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Total
B-3	1	6/93	0.5-1	--	0.027	0.018	0.11	0.29	0.30	0.16	0.23	0.17	0.36	0.035	0.72	0.033	0.17	NA	0.060	0.096	0.44	0.64	3.86
		6/93	9-11	--	ND	ND	ND	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.033	0.016	ND	0.063
		6/93	11-13	--	ND	ND	ND	0.017	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.033	0.017	0.023	0.090
B-4	1	6/93	0.5-1	--	0.036	ND	0.19	0.45	0.63	0.17	0.29	0.32	0.74	0.022	0.71	ND	0.23	NA	1.8	0.99	1.8	0.74	9.12
		6/93	3-5	--	ND	ND	ND	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.036	ND	ND	0.050
		6/93	13-15	--	ND	ND	ND	0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.037	0.015	0.012	0.079
B-5	1	6/93	0.5-1	--	0.1	0.043	0.22	0.72	0.90	0.42	0.54	0.60	1.0	ND	1.7	0.13	0.58	NA	2.3	1.6	2.2	ND	13.05
		6/93	19-21	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.033	ND	0.033
B-6	1	6/93	0.5-1	--	0.030	0.025	0.094	0.60	1.0	0.37	0.24	0.57	1.0	ND	1.3	0.039	0.51	NA	0.058	0.057	0.71	1.0	7.62
		6/93	23-25	--	ND	ND	ND	0.018	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.015	ND	0.033
B-9	1	6/93	0.5-1	--	0.20	0.22	0.56	5.0	8.3	3.2	4.6	3.4	8.3	0.20	8.4	0.16	3.5	NA	0.17	0.26	3.8	7.1	57.37
		6/93	7-9	--	ND	ND	ND	ND	ND	ND	ND	ND	0.077	ND	ND	ND	ND	NA	0.45	0.043	0.076	0.067	0.713
B-10	1	6/93	0.5-1	--	0.092	0.060	0.40	9.0	17	5.9	7.4	6.3	15	3.0	11	ND	6.2	NA	0.57	ND	4.1	11	97.02
		6/93	1-3	--	ND	ND	ND	0.068 (B)	0.096	0.036	0.046 (B)	0.069 (B)	0.12 (B)	0.028 (B)	0.064	ND	0.065 (B)	NA	0.016	ND	0.055	0.075	0.738
		6/93	3-5	--	ND	ND	ND	0.097	0.10	ND	0.071	ND	0.16	ND	0.067	0.074	0.073	NA	0.41	0.11	0.24	0.16	1.56
		6/93	7-9	--	ND	ND	ND	0.0095 (B)	ND	ND	ND	ND	0.012 (B)	ND	ND	ND	ND	NA	ND	ND	ND	ND	0.022
B-11	1	6/93	0.5-1	--	0.073	0.051	0.18	1.1	1.5	0.72	0.85	0.75	1.9	0.054	2.3	0.11	0.77	NA	ND	1.3	2.0	1.7	15.36
		6/93	3-5	--	0.017	ND	0.022	0.033	ND	ND	ND	ND	ND	ND	0.051	0.037	ND	NA	ND	0.22 (B)	0.052	0.066	0.498
		6/93	5-7	--	0.054	ND	ND	0.088	ND	ND	ND	ND	ND	ND	ND	0.23	ND	NA	3.8	0.29 (B)	0.90	0.11	5.47
		6/93	11-13	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.21 (B)	ND	ND	0.21
B-11A	1	6/93	13-15	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	
B-12	1	6/93	0.5-1	--	ND	0.053	0.074	0.73	1.3	0.46	0.67	0.63	1.4	0.17	2.0	ND	0.86	NA	0.12	0.11	ND	1.6	10.18
		6/93	9-11	--	ND	ND	ND	0.011	0.013	0.019	ND	ND	0.018	ND	0.023	ND	ND	NA	ND	ND	0.014	0.020	0.118
B-13	1	6/93	0.5-1	--	ND	ND	0.021	0.12	0.18	0.063	0.095	0.077	0.20	0.024	0.24	0.0093	0.087	NA	0.016	0.019	0.13	0.19	1.47
		6/93	9-11	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
B-14A	1	6/93	0.5-1	--	0.17	0.014	0.51	0.77	0.65	0.35	0.51	0.28	0.96	0.023	2.2	0.28	0.31	NA	0.056	0.27	1.9	1.5	10.75
		6/93	23-25	--	ND	ND	ND	0.016	ND	ND	ND	ND	0.14	ND	0.015	ND	ND	NA	ND	0.21	0.019	0.013	0.413
B-14B	1	6/93	43-45	--	ND	ND	ND	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.20	0.18	ND	0.394

Table 4 (Continued)
Soil Analytical Results Summary Parcels 1, 2, and 4 - PAHs

Sample	Parcel ID	Date	Depth (feet)	Lab Notes	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(ghi)perylene	Chrysene	Dibenzo(a,b)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Total
B-15A	1	6/93	0.5-1	--	ND	ND	0.13	1.9	3.2	1.2	1.6	1.9	3.5	0.61	3.0	0.043	1.9	NA	0.40	0.30	1.1	2.4	23.18
		6/93	13-15	--	ND	ND	ND	0.011	ND	0.012	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
B-15B	1	6/93	39-41	--	ND	ND	ND	0.011 (B)	ND	ND	ND	ND	0.012 (B)	ND	ND	ND	ND	NA	ND	ND	0.013	0.0094	0.045
3-16	1	6/93	0.5-1	--	0.37	0.42	0.86	2.7	3.1	1.4	2.3	1.6	3.5	0.13	5.6	0.37	1.8	NA	1.0	0.95	4.0	4.5	34.5
		6/93	11-13	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.19	ND	ND	0.19
		6/93	13-15	--	ND	ND	ND	0.018	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.22 (B)	ND	ND	0.238
B-17	1	6/93	0.5-1	--	0.15	0.17	0.66	2.1	2	1.2	1.7	0.99	2.4	0.096	4.7	0.22	1.1	NA	0.067	0.69	2.8	4.1	25.14
		6/93	14-16	--	ND	ND	ND	0.040	0.031	ND	0.030	ND	0.038	ND	0.057	ND	0.030	NA	ND	0.021	0.049	0.042	0.338
B-18A	1	6/93	0.5-1	--	ND	ND	ND	0.038	0.038	ND	0.030	ND	0.40	ND	0.082	ND	0.023	NA	ND	ND	0.038	0.067	0.716
		6/93	23-25	--	ND	ND	ND	0.019	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.025	ND	0.044
B-18B	1	6/93	33-35	--	ND	ND	ND	0.019	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.019	ND	0.038
		6/93	43-45	--	ND	ND	ND	0.016	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	0.016
GP8-S4	1	12/3/99	6.5	(1)	<0.067	<0.110	0.019	0.173	0.110	0.091	0.120	0.173	0.130	0.016	0.226	0.059	0.089	0.069	0.120	0.051	0.100	0.100	1.65
GP9-S3	1	12/3/99	5	(1)	<0.061	<0.100	0.009	0.020	<0.0061	<0.0061	<0.0061	<0.0061	0.0091	<0.012	0.020	<0.012	<0.0061	<0.017	<0.03	<0.037	0.0066	0.018	0.083
GP10-S3	1	12/3/99	4.5	(2)	<1.3	<2.200	0.251	7.67	3.04	1.98	1.32	4.230	0.688	0.397	7.140	<0.26	1.59	0.847	<0.66	<0.8	1.46	14.6	45.21
GP10-S7	1	12/3/99	12.5	(1)	<0.058	<0.099	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.012	<0.012	<0.012	<0.058	<0.035	<0.029	<0.035	<0.0058	<0.0058	ND
3-2	2	6/93	0.5-1	--	0.069	ND	0.22	0.71	0.74	0.73	0.60	0.41	0.96	0.078 (B)	1.5	0.097	0.42	NA	ND	0.061	1.1	1.3	9.00
		6/93	23-25	--	ND	ND	ND	0.012	0.013	0.013 (B)	ND	ND	0.024	ND	0.019	ND	ND	NA	ND	ND	0.015	0.019	0.115
3-8	2	6/93	0.5-1	--	0.14	ND	ND	5.6	12	4.0	6.4	7.4	9.1	2.1	8.1	0.078	7.0	NA	0.17	0.19	2.8	6.5	71.58
		6/93	15-17	--	ND	ND	ND	0.023	ND	ND	ND	ND	0.029	ND	0.021	ND	ND	NA	ND	0.025	ND	0.018	0.116
GP26-S4	2	12/29/99	6.5	(1)	<0.064	<0.110	0.011	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.013	0.110	<0.013	<0.0064	<0.039	<0.032	<0.039	0.035	0.167	0.323
GP27-S3	2	12/29/99	4.5	(1)	<0.064	<0.110	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.013	<0.013	<0.013	<0.0064	<0.038	<0.032	<0.038	<0.0064	<0.0064	ND
GP13-S2	4	12/28/99	3	--	<0.059	<0.1	0.021	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.012	0.142	0.027	<0.0059	<0.035	<0.029	<0.035	0.070	0.212	0.472
WDNR Draft RCLs																							
Groundwater Pathway					69	1.2	6,000	30	650	1,600	90	12,000	66	69	1,000	200	1,200	42	30	0.7	3.3	16,000	--
Non-Industrial Direct Contact					900	18	5,000	0.088	0.088	0.88	0.0088	1.8	8.8	0.0088	600	600	0.088	1,100	600	20	18	500	--
Industrial Direct Contact					60,000	360	300,000	3.9	3.9	39	0.39	39	390	0.39	40,000	40,000	3.9	70,000	40,000	110	390	30,000	--

NOTES:

B) = Detected in blank ND = Not Detected

LABORATORY NOTES:

- (1) PNA extraction - Improperly handled sample [Plastic jar used for sample shipment]
- (2) PNA extraction - Improperly handled sample. [Plastic jar used for sample shipment] PNA - 8310 Nonaqueous - Matrix interference.

Table 6
Soil Analytical Results Summary Parcels 1, 2, and 4 - Metals
Cudahy Business Park Redevelopment / Project #2013
 (Results in mg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver	Zinc
Parcel 1													
3	6/9/93	0.5-1	--	<0.90	16	<0.60	9.0	NA	16	<0.012	<0.90	<0.60	42
	6/9/93	9-11	--	<0.86	25	0.90	17	NA	<5.7	<0.011	<0.86	<0.57	28
	6/9/93	11-13	--	<0.86	22	0.78	13	NA	<5.7	<0.011	<0.86	<0.57	28
4	6/9/93	0.5-1	--	2.6	50	0.76	12	NA	39	<0.011	0.22	<0.056	88
	6/9/93	3-5	--	1.9	32	0.84	13	NA	6.6	<0.011	<0.085	<0.57	31
	6/9/93	13-15	--	4.4	31	0.93	13	NA	<5.8	<0.012	<0.087	<0.58	27
5	6/9/93	0.5-1	--	2.5	77	1.3	3.7	NA	43	0.031	0.42	<0.77	86
	6/9/93	19-21	--	<0.88	33	0.93	14	NA	<5.9	<0.012	<0.88	<0.59	28
6	6/11/93	0.5-1	--	4.7	110	1.4	17	NA	160	0.13	0.64	0.77	120
	6/11/93	23-25	--	<0.89	30	1.0	15	NA	<6.0	<0.012	<0.89	<0.60	29
6 TCLP (mg/l)	6/11/93	0.5-1	--	NA	NA	NA	NA	NA	<1.2	NA	NA	NA	2.0
9	6/3/93	0.5-1	--	5.5	71	3.4	41	NA	88	0.062	0.25	<0.68	1,100
	6/3/93	7-9	--	4.3	73	1.1	22	NA	7.2	0.013	<0.095	<0.63	37
9 TCLP (mg/l)	6/3/93	0.5-1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.4
10	6/3/93	0.5-1	--	11	160	2.4	100	NA	270	0.050	0.42	1.1	790
	6/3/93	1-3	--	5.3	61	1.5	16	NA	10	0.013	0.28	<0.63	45
	6/3/93	3-5	--	5.6	100	1.4	23	NA	9.0	0.035	0.29	<0.64	60
	6/3/93	7-9	--	2.1	55	0.82	15	NA	<6.0	0.024	<0.089	<0.60	29
10 TCLP (mg/l)	6/3/93	0.5-1	--	NA	NA	NA	NA	NA	<1.3	NA	NA	NA	5.2

Table 6 (Continued)
Soil Analytical Results Summary Parcels 1, 2, and 4 - Metals

Sample	Date	Depth (feet)	Lab Notes	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver	Zinc
1	6/8/93	0.5-1	--	25	95	3.6	11	NA	49	0.012	<0.89	<0.60	30
	6/8/93	3-5	--	2.9	55	0.68	16	NA	<6.1	<0.012	<0.091	<0.61	29
	6/8/93	5-7	--	3.5	46	1.1	17	NA	12	0.021	0.17	<0.60	50
	6/8/93	11-13	--	2.5	61	1.1	23	NA	<6.3	<0.013	<0.094	<0.63	30
11A	6/9/93	13-15	--	1.5	41	1.1	15	NA	<6.3	<0.013	<0.095	<0.63	32
12	6/4/93	0.5-1	--	4.6	160	2.5	28	NA	310	0.051	0.42	<0.62	210
	6/4/93	9-11	--	2.9	60	0.81	20	NA	7.4	0.018	<0.094	<0.63	35
12 TCLP (mg/l)	6/4/93	0.5-1	--	NA	NA	NA	NA	NA	<1.3	NA	NA	NA	NA
13	6/4/93	0.5-1	--	16	220	9.7	94	NA	740	0.064	16	1.9	780
	6/4/93	9-11	--	2.6	49	0.85	15	NA	<6.4	0.026	<0.096	<0.64	29
13 TCLP (mg/l)	6/4/93	0.5-1	--	NA	NA	NA	NA	NA	2.8	NA	NA	NA	4.2
14A	6/7/93	0.5-1	--	0.44	7.6	<0.55	3.7	NA	9.8	<0.011	<0.082	<0.55	21
	6/7/93	23-25	--	3.8	37	0.81	13	NA	<5.8	0.014	<0.087	<0.58	29
14B	6/8/93	43-45	--	3.2	36	0.66	14	NA	<5.7	<0.011	<0.086	<0.57	25
15A	6/3/93	0.5-1	--	8.0	160	2.7	18	NA	200	0.21	8.0	<0.61	240
	6/3/93	13-15	--	7.6	53	1.2	17	NA	7.7	0.020	7.6	<0.60	45
15A TCLP (mg/l)	6/3/93	0.5-1	--	NA	NA	NA	NA	NA	<1.3	NA	NA	NA	13
15B	6/4/93	39-41	--	2.8	38	0.71	13	NA	<5.9	0.014	<0.088	<0.59	38
16	6/8/93	0.5-1	--	0.87	160	2.1	15	NA	560	0.057	<0.086	<0.57	720
	6/8/93	11-13	--	3.3	48	0.99	20	NA	<6.2	<0.012	<0.093	<0.62	35
	6/8/93	13-15	--	3.8	39	0.95	14	NA	9.2	<0.013	<0.097	<0.65	35

Table 6 (Continued)
Soil Analytical Results Summary Parcels 1, 2, and 4 - Metals

Sample	Date	Depth (feet)	Lab Notes	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver	Zinc
TCLP (mg/l)	6/8/93	0.5-1	--	NA	NA	NA	NA	NA	1.9	NA	NA	NA	3.0
	6/10/93	0.5-1	--	4.4	74	0.99	13	NA	34	0.32	<0.088	<0.59	140
	6/10/93	14-16	--	<0.93	43	0.95	17	NA	<6.2	0.019	<0.93	<0.62	28
3A	6/10/93	0.5-1	--	2.8	31	0.83	9.8	NA	6.7	0.026	<0.085	<0.57	41
	6/10/93	23-25	--	<0.89	33	0.87	17	NA	10	<0.012	<0.89	<0.60	25
3B	6/11/93	33-35	--	<0.90	35	0.99	14	NA	<6.0	<0.012	0.95	<0.60	31
	6/11/93	43-45	--	<0.87	30	0.66	9.2	NA	<5.8	<0.012	<0.87	<0.58	23
4-22	6/7/95	11-13	--	NA	NA	NA	32	NA	11	<0.02	NA	NA	NA
4-23	6/7/95	12-14	--	NA	NA	NA	30	NA	8.8	<0.02	NA	NA	NA
4-24	6/7/95	11-13	--	NA	NA	NA	34	NA	8.9	<0.02	NA	NA	NA
4-25	6/7/95	10-12	--	NA	NA	NA	19	NA	4.2	<0.02	NA	NA	NA
4-26	6/7/95	12-14	--	NA	NA	NA	30	NA	9.0	<0.02	NA	NA	NA
P8-S4	12/3/99	6.5	--	<5.3	85	2.4	15	NA	9.5	0.033	<10	<1.3	52
P9-S3	12/3/99	5	(1)	<9.8	110	2.7	24	NA	22	0.040	<18	<2.4	65
P10-S3	12/3/99	4.5	(2)	<11	120	3.3	29	NA	22	0.037	<20	<2.6	93
P20-S2	12/29/99	3	--	4.6	NA	<1.2	20	NA	8.9	NA	NA	NA	NA
P22-S1	12/29/99	1.5	--	NA	NA	NA	NA	NA	20	NA	NA	NA	NA
P24-S1	12/29/99	1.5	--	6.7	NA	<1.2	18	NA	75	NA	NA	NA	NA
P25-S2	12/29/99	2.5	--	5.4	NA	<1.1	11	NA	16	NA	NA	NA	NA

Table 6 (Continued)
Soil Analytical Results Summary Parcels 1, 2, and 4 - Metals

Sample	Date	Depth (feet)	Lab Notes	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver	Zinc
Parcel 2													
2	6/2/93	0.5-1	--	3.2	210	1.1	22	NA	65	0.017	<0.10	<0.69	110
	6/2/93	23-25	--	0.67	38	0.50	10	NA	5.6	<0.012	<0.089	<0.60	29
3	6/10/93	0.5-1	--	<0.88	53	2.9	13	NA	36	<0.012	<0.88	<0.59	53
	6/10/93	5-11	--	6.2	67	1.5	15	NA	43	0.075	0.26	0.69	32
	6/10/93	15-17	--	6.0	60	2.5	16	NA	20	0.026	0.23	<0.63	64
Parcel 4													
P001	4/15/97	4	--	15	220	0.65	37	57	16	0.08	<2	0.6	97
P002	4/15/97	5	--	8	25	0.95	5.9	24	17	<0.02	<2	0.21	93
IP007	4/15/97	4	--	<0.5	38	0.6	19	17	7.5	<0.02	<2	0.30	43
IP008	4/16/97	4	--	1.8	46	1.0	19	36	12	0.02	<2	0.39	89
IP009	4/16/97	4	--	9.4	64	25	45	330	140	0.12	<2	8.3	270
IP010	4/16/97	4	--	NA	NA	NA	NA	NA	52	NA	NA	NA	NA
	4/16/97	8	--	NA	NA	NA	NA	NA	10	NA	NA	NA	NA
3P12-S1	12/28/99	1.5	--	6.5	NA	<1.2	NA	NA	10	NA	NA	NA	NA
3P12-S4	12/28/99	7	--	5.4	NA	<1.2	NA	NA	9.0	NA	NA	NA	NA
3P13-S2	12/28/99	3	--	3.8	NA	<1.2	NA	NA	5.9	NA	NA	NA	NA
3P14-S2	12/28/99	4.5	--	7.0	NA	<1.5	NA	NA	13	NA	NA	NA	NA
3P14-S6	12/28/99	12.5	--	3.4	NA	<1.2	NA	NA	7.9	NA	NA	NA	NA
3P15-S1	12/28/99	2	--	1.9	NA	<1.6	NA	NA	14	NA	NA	NA	NA
3P15-S6	12/28/99	12.5	--	4.5	NA	<1.2	NA	NA	9.4	NA	NA	NA	NA

Table 6 (Continued)
Soil Analytical Results Summary Parcels 1, 2, and 4 - Metals

Sample	Date	Depth (feet)	Lab Notes	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver	Zinc
'16-S1	12/28/99	2	--	6.7	NA	<1.2	NA	NA	14	NA	NA	NA	NA
'16-S4	12/28/99	8	--	4.3	NA	<1.2	NA	NA	7.7	NA	NA	NA	NA
W7-S1	1/3/00		(3)	<14	NA	<3.5	NA	NA	<18	NA	NA	NA	NA
DNR RCL: Non-industrial				0.0039	NE	8	14 ⁽¹⁾		50	NE	NE	NE	NE
DNR RCL: Industrial				1.6	NE	510	200 ⁽¹⁾		500	NE	NE	NE	NE

BREVIATIONS:

= No Standard Established

NA = Not Analyzed

WDNR = Wisconsin Department of Natural Resources

RCL = Residual Contaminant Level

TES:

Chromium results are total chromium. WDNR RCL: Non-industrial standard is 14 for hexavalent chromium and 16,000 for trivalent chromium.

LORATORY NOTES:

Arsenic and silver - Matrix interference.

Arsenic, selenium, and silver - Matrix interference.

Arsenic, cadmium, and lead - Matrix interference.

Table 8
Soil Analytical Results Summary Parcels 1, 2, and 4 - GRO, DRO, and VOCs
Cudaby Business Park Redevelopment / Project #2013
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	FID/ PID	GRO (mg/kg)	DRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	Tetrachloroethylene	Trichloroethylene	Naphthalene	Other VOCs
Parcel 1																
B-2	6/93	23-25	--	--	NA	NA	1.2	ND	ND	1.2	ND	ND	ND	1.2	ND	ND
	6/93 Dup	23-25	--	--	NA	NA	<1.2	ND	ND	<1.2	ND	ND	ND	<1.2	ND	ND
B-3	6/93	9-11	--	--	NA	NA	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND
B-4	6/93	3-5	--	--	NA	NA	ND	ND	ND	ND	ND	1.1	ND	1.1	ND	ND
	6/93	13-15	--	--	NA	NA	1.2	ND	ND	ND	ND	1.2	ND	1.2	ND	ND
B-9	6/93	6-12	--	--	NA	NA	2.7	ND	ND	ND	ND	ND	ND	5.5	ND	Methylene chloride 5.5
	6/93	7-9	--	--	NA	NA	130	4,300	ND	376	8,900	ND	ND	ND	2,000	Isopropylbenzene 890 n-Propylbenzene 5,400 sec-Butylbenzene 1,300 n-Butylbenzene 5,800
B10	6/93	1-3	--	--	NA	NA	ND	ND	ND	2.5	3.8	1.3	ND	ND	1.3	n-Butylbenzene 5
	6/93	3-5	--	--	NA	NA	ND	71	18	282	71	ND	ND	ND	150	Styrene 18 Isopropylbenzene 13 n-Propylbenzene 120 sec-Butylbenzene 38
B-11	6/93	0.5-1	--	--	NA	NA	ND	ND	ND	ND	ND	ND	<1.2	ND	ND	ND
	6/93 Dup	0.5-1	--	--	NA	NA	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND
	6/93	3-5	--	--	NA	NA	ND	1.2	ND	6.1	2.4	ND	ND	ND	1.2	MTBE 1.2 n-Propylbenzene 4.9 sec-Butylbenzene 2.4 1,2-Dibromo-3-Chloropropane 4.9
	6/93	5-7	--	--	NA	NA	ND	37	ND	31	ND	ND	ND	ND	20	MTBE 17 n-Propylbenzene 46 n-Butylbenzene 130
	6/93	11-13	--	--	NA	NA	1.3	ND	ND	ND	ND	ND	ND	2.5	ND	ND
B-15A	6/93	0.5-1	--	--	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	<1.2	ND
	6/93 Dup	0.5-1	--	--	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	MTBE 2.5
	6/93	13-15	--	--	NA	NA	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-16	6/93	3-5	--	--	NA	NA	ND	ND	ND	ND	ND	ND	ND	15	MTBE 7.7	
B-18A	6/93	23-25	--	--	NA	NA	ND	ND	ND	ND	ND	ND	ND	<1.2	ND	Methylene chloride <1.2
	6/93 Dup	23-25	--	--	NA	NA	ND	ND	ND	ND	ND	ND	ND	1.2	ND	Methylene chloride 1.2
CM-01	6/5/95	2-4	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-02	6/5/95	2-4	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND

Table 8 (Continued)
Soil Analytical Results Summary Parcels 1, 2, and 4 - GRO, DRO, and VOCs

Sample	Date	Depth (feet)	Lab Notes	FID/ PID	GRO (mg/kg)	DRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	Tetrachloroethylene	Trichloroethylene	Napthalene	Other VOCs
CM-03	6/5/95	1-2	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-04	6/5/95	1-2	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-05	6/5/95	1-3	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-06	6/5/95	1-3	--	--	NA	NA	ND	ND	ND	ND	<5	<5	ND	ND	ND	ND
CM-07	6/5/95	1-3	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-08	6/5/95	1-3	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-09	6/8/95	3-5	--	--	NA	NA	<10	24	72	206	180	260	<10	<10	1,800	Isopropylbenzene n-Propylbenzene sec-Butylbenzene 500 660 370
CM-9A	6/8/95	1-3	--	--	NA	NA	<10	<10	21	39	1,800	260	<10	<10	1,800	Isopropylbenzene n-Propylbenzene sec-Butylbenzene 550 660 300
CM-9A	8/22/95	3-5	--	--	NA	1,150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CM-9A	6/8/95	7-9	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-10	6/5/95	1-3	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-11	6/5/95	1-3	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-12	6/5/95	1-3	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	ND	ND
CM-13	6/8/95	1-3	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-13	8/22/95	3-5	--	--	NA	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CM-15	6/5/95	1-3	--	--	NA	NA	ND	ND	ND	ND	<5	<5	44	ND	<5	ND
CM-16	6/5/95	1-3	--	--	NA	NA	<5	<5	<5	<15	ND	ND	<5	<5	ND	ND
CM-17	6/8/95	1-3	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-17	8/22/95	3-5	--	--	NA	42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CM-18	6/5/95	1-3	--	--	NA	NA	<5	<5	<5	<15	<5	<5	16	<5	<5	ND
CM-19	6/5/95	1-3	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-20	6/5/95	1-3	--	--	NA	NA	ND	ND	ND	ND	<5	<5	59	ND	<5	ND
CM-21	6/8/95	1-3	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-C1	6/5/95	1-3	--	--	NA	NA	<5	<5	<5	<15	<5	<5	11	<5	<5	ND
CM-22	6/7/95	11-13	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	Tetrahydrofuran 16
CM-23	6/7/95	12-14	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-24	6/7/95	11-13	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	1,1-Dichloroethane Tetrahydrofuran 7 45
CM-25	6/7/95	10-12	--	--	NA	NA	<5	<5	8	<15	<5	<5	<5	<5	<5	Tetrahydrofuran 53

Table 8 (Continued)
Soil Analytical Results Summary Parcels 1, 2, and 4 - GRO, DRO, and VOCs

Sample	Date	Depth (feet)	Lab Notes	FID/ PID	GRO (mg/kg)	DRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	Tetrachloroethylene	Trichloroethylene	Naphthalene	Other VOCs
CM-26	6/7/95	12-14	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	
CM-27	6/8/95	1-3	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	Tetrahydrofuran 40
CM-28	6/8/95	1-3	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	ND
CM-29	8/22/95	3-5	--	--	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
CM-30	8/22/95	3-5	--	--	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CM-32	8/22/95	7-9	--	--	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CM-33	8/22/95	3-5	--	--	NA	NA	<5	<5	<5	<15	<5	<5	<5	<5	<5	NA
GP6-S1	12/3/99	1.5	--	3	NA	NA	<29	<29	<29	<41	<29	<29	<5	<5	<5	Tetrahydrofuran 39
GP7-S1	12/3/99	1.5	--	1	NA	NA	<29	<29	<29	<41	<29	<29	ND	ND	ND	ND
GP8-S4	12/3/99	6.5	--	4,000	NA	613	493	<160	<160	1,460	2,800	346	ND	ND	719	sec-Butylbenzene 2,400 Isopropylbenzene 2,930 n-Propylbenzene 2,660
GP8-S6	12/3/99	11.5	(1)	3	NA	6.4	<29	<29	<29	<88	<29	<29	NA	NA	NA	NA
GP9-S3	12/3/99	5	--	4,000	NA	18	<30	<30	<30	<43	<30	<30	ND	ND	ND	sec-Butylbenzene 56
GP9-S5	12/3/99	9.5	--	30	NA	NA	<32	<32	<32	<44	<32	<32	ND	ND	ND	ND
GP10-S3	12/3/99	4.5	--	1,500	NA	27,800	<33	<33	42	73	966	<33	ND	ND	437	sec-Butylbenzene 120 Isopropylbenzene 38 p-Isopropyltoluene 212 n-Propylbenzene 67
GP10-S7	12/3/99	12.5	(1)	8	NA	8.1	<29	<29	<29	<88	<29	<29	NA	NA	NA	NA
GP20-S2	12/29/99	3	(2)	200	NA	187	<29	<29	<29	<41	<29	<29	ND	ND	70	sec-Butylbenzene 68 Methylene chloride 91
GP21-S1	12/29/99	1.5	--	5	NA	NA	<30	<30	<30	<42	<30	<30	ND	ND	ND	ND
GP22-S1	12/29/99	1.5	--	7	NA	<6.0	<30	<30	<30	<42	<30	<30	ND	ND	ND	ND
GP24-S3	12/29/99	4.5	(3)	800	NA	431	<64	<64	<64	<88	<64	<64	ND	ND	165	sec-Butylbenzene 66
GP25-S2	12/29/99	2.5	(4)	200	NA	54	<28	<28	<28	<39	<28	<28	191	ND	ND	Methylene chloride 191
GP25-S4	12/29/99	7.5	(5)	>10,000	NA	NA	<320	<320	<320	<450	<320	<320	ND	ND	1,030	sec-Butylbenzene 1,540 isopropylbenzene 1,090 Methylene chloride 1,920 n-Propylbenzene 1,280
GP26-S4	12/29/99	6.5	(6)	100	NA	1,800	<32	<32	<32	<96	44	<32	NA	NA	NA	NA
GP27-S3	12/29/99	4.5	--	30	NA	<6.4	<32	<32	<32	<96	<32	<32	NA	NA	NA	NA
MW12-S1	12/29/99	4	(7)	17	25	6,370	<32	153	<32	280	803	<32	NA	NA	NA	NA
MW13-S2	12/29/99	7	(7)	298	563	1,370	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW14-S1	12/30/99	4	(7)	3.8	<6.4	6,770	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 8 (Continued)
Soil Analytical Results Summary Parcels 1, 2, and 4 - GRO, DRO, and VOCs

Sample	Date	Depth (feet)	Lab Notes	FID/ PED	GRO (mg/kg)	DRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	Tetrachloroethylene	Trichloroethylene	Naphthalene	Other VOCs
Parcel 2																
GP11-S3	12/3/99	5	--	1	NA	361	<30	<30	<30	<42	<30	<30	ND	ND	ND	ND
GP11A-S5	12/30/99	10.5	--	3	NA	<5.9	<29	<29	<29	<88	<29	<29	NA	NA	NA	NA
GP29-S2	12/30/99	2.5	(11)	--	NA	89	<30	<30	<30	<89	<30	<30	NA	NA	NA	NA
GP30-S2	12/30/99	3.5	--	--	NA	<5.9	<29	<29	<29	<88	<29	<29	NA	NA	NA	NA
GP30-S5	12/30/99	9	--	--	NA	<5.8	<29	<29	<29	<87	<29	<29	NA	NA	NA	NA
GP31-S2	12/30/99	2.5	--	--	NA	11	<30	<30	<30	<90	<30	<30	NA	NA	NA	NA
GP31-S5	12/30/99	9	--	--	NA	19	<29	<29	<29	<86	<29	<29	NA	NA	NA	NA
Parcel 4																
GP001	4/15/97	4	--	--	NA	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
GP002	4/15/97	5	--	--	NA	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
GP003	4/15/97	4	--	--	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	Chloromethane 72
	4/15/97	10	--	--	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP004	4/15/97	4	--	--	NA	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/15/97	10	--	--	NA	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP006	4/15/97	5	--	--	NA	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	Chloromethane 110
GP007	4/15/97	4	--	--	NA	NA	<25	<25	<25	<25	<25	<25	<25	<25	<25	Chloromethane 90
GP008	4/16/97	4	--	--	NA	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	Chloromethane Methylene chloride 130 25
GP009	4/16/97	4	(8)	--	NA	26	<25	<25	<25	<25	<25	<25	<25	<25	<25	Methylene chloride 31
GP010	4/16/97	4	(9)	--	430	NA	1,000	660	2,400	7,300	2,100	2,900	NA	NA	NA	NA
	4/16/97	8	(10)	--	<10	NA	<25	10	<25	<31	32	15	NA	NA	NA	NA
GP012	4/16/97	12	--	--	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP013	4/16/97	8	--	--	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP1-S1	12/2/99	1.5	(11)	900	NA	1,830	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP2-S4	12/2/99	7.5	--	1	NA	<5.8	<29	<29	<29	<41	<29	<29	ND	ND	ND	ND
GP12-S1	12/28/99	1.5	--	4	NA	21	<29	<29	<29	<41	<29	<29	ND	ND	ND	ND
GP12-S4	12/28/99	7	--	1	NA	<5.9	<30	<30	<30	<41	<30	<30	ND	ND	ND	ND
GP13-S2	12/28/99	3	(11)	--	NA	130	<29	<29	<29	<41	<29	<29	ND	ND	ND	ND
GP14-S2	12/28/99	4.5	--	3,000	NA	<7.3	<36	<36	<36	<51	<36	<36	ND	ND	ND	ND
GP14-S6	12/28/99	12.5	--	25	NA	<5.9	<30	<30	<30	<42	<30	<30	ND	ND	ND	ND

Table 8 (Continued)
Soil Analytical Results Summary Parcels 1, 2, and 4 - GRO, DRO, and VOCs

Sample	Date	Depth (feet)	Lab Notes	FID/ PID	GRO (mg/kg)	DRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	Tetrachloroethylene	Trichloroethylene	Napthalene	Other VOCs
GP15-S1	12/28/99	2	--	5,000 (M)	NA	<7.9	<39	<39	<39	<55	<39	<39	ND	ND	ND	ND
GP15-S4	12/28/99	8	--	150	NA	<5.9	<30	<30	<30	<41	<30	<30	ND	ND	ND	ND
GP15-S6	12/28/99	12.5	--	15	NA	<6.0	<30	<30	<30	<42	<30	<30	ND	ND	ND	ND
GP16-S1	12/28/99	2	--	0	NA	<5.9	<29	<29	<29	<41	<29	<29	ND	ND	ND	ND
GP16-S4	12/28/99	8	--	3	NA	<5.8	<29	<29	<29	<41	<29	<29	ND	ND	ND	ND
MW7-S1	1/3/00	--	--	--	NA	<5.9	<29	<29	<29	<41	<29	<29	ND	ND	ND	ND
MeOH Blank	12/3/99	--	--	--	NA	NA	<25	<25	<25	<35	<25	<25	ND	ND	ND	ND
	12/28/99	--	--	--	NA	NA	<25	<25	<25	<35	<25	<25	ND	ND	ND	ND
	12/30/99	--	--	--	NA	NA	<25	<25	<25	<35	<25	<25	ND	ND	ND	ND
NR 720 Generic Soil Cleanup Standards					100	100	5.5	2,900	1,500	4,100	NE	NE	NE	NE	NE	NE
EPA Generic Soil Screening Level (Ingestion)					NE	NE	22,000	7,800,000	16,000,000	1.6E+08	NE	NE	12,000	58,000	3,100,000	1,4-Dichlorobenzene 27,000 1,1-Dichloroethane 7.8E+6 Methylene Chloride 85,000 Styrene 1.6E+07
EPA Generic Soil Screening Level (Inhalation)					NE	NE	800	400,000	650,000	420,000	NE	NE	11,000	5,000	NE	1,4-Dichlorobenzene NE 1,1-Dichloroethane 1.3E+6 Methylene Chloride 13,000 Styrene 1.5E+06
EPA Generic Soil Screening Level (Groundwater Path - 20 DAF)					NE	NE	30	13,000	12,000	210,00	NE	NE	60	60	84,000	1,4-Dichlorobenzene 2,000 1,1-Dichloroethane 23,000 Methylene Chloride 20 Styrene 4,000

ABBREVIATIONS:

FID = Flame-ionization Detector
TMB = Trimethylbenzene
NE = No Standard Established

PID = Photo-ionization Detector
MTBE = Methyl-tert-butyl ether
ND = Not Detected

GRO = Gasoline Range Organics
VOCs = Volatile Organic Compounds

DRO = Diesel Range Organics
NA = Not Analyzed

NOTE:

(M) Elevated FID measurement possibly caused by methane.

LABORATORY NOTES:

- (1) DRO analysis - Received past hold time. DRO results flagged as having been extracted more than three days after sample collection. WDNR has extended the hold time for extraction to ten days, but this has not yet been Codified.
- (2) Methylene chloride - Common lab solvent and contaminant.
- (3) DRO analysis - Late eluting hydrocarbons present. VOCs - Matrix interference.
- (4) DRO analysis - Late eluting hydrocarbons present. Methylene chloride - Common lab solvent and contaminant.
- (5) VOCs - Matrix interference. Methylene chloride - Common lab solvent and contaminant.
- (6) PVOCs - Late eluting hydrocarbons present and improperly handled sample. DRO analysis - Late eluting hydrocarbons present.
- (7) DRO and GRO analyses - Late eluting hydrocarbons present.
- (8) Sample weight was slightly greater than required 35 grams (38.67 grams); VOC quantities are therefore considered an estimate.
- (9) Toluene and 1,2,4-TMB are detected in blank.
- (10) Ethylbenzene, xylene, and 1,3,5-TMB have estimated quantities, below reporting limit of detection and above method detection limit. 1,2,4-TMB is detected in blank.
- (11) DRO analysis - Late eluting hydrocarbons present.

Table 10
Soil Analytical Results Summary Parcels 1, 2, and 4 - PCBs
Cudahy Business Park Redevelopment / Project #2013
(Results in mg/kg)

Sample	Date	Depth (feet)	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260	PCB 1262	PCB 1268
Parcel 1											
CM-01	6/5/95	2-4	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
CM-02	6/5/95	2-4	<0.04	<0.04	<0.04	<0.04	<0.04	0.07	<0.04	<0.04	<0.04
CM-08	6/5/95	1-3	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
CM-12	6/5/95	1-3	ND								
CM-20	6/5/95	2-4	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
GP8-S4	12/3/99	6.5	<27	<27	<27	<27	<27	<27	<27	NA	NA
GP9-S3	12/3/99	5	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	NA	NA
GP10-S3	12/3/99	4.5	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	NA	NA
GP20-S2	12/29/99	3	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	NA	NA
GP21-S1	12/29/99	1.5	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	NA	NA
MW12-S1	12/29/99	4	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	NA	NA
MW13-S2	12/29/99	7	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	NA	NA
MW14-S1	12/29/99	4	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	NA	NA
TP1-6	1/4/00	6	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	NA	NA
Parcel 2											
GP29-S2	12/30/99	2.5	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	NA	NA
Parcel 4											
GP005	4/15/97	4	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
GP006	4/15/97	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33

ABBREVIATIONS: PCBs = Polychlorinated Biphenyls ND = Not Detected NA = Not Analyzed