



Answers to Questions asked by prospective bidders on the CMAR RFP# 0822

Question #1: Please confirm that you want the cost for a performance and payment bond cost included in Line-Item F of the proposal form located on page 10 of the RFP. The cost for a P & P bond will typically be approximately 1% or less of the total construction costs which is substantial.

Answer: **Yes, please include the cost.**

Question #2: Please provide a copy of the Geo-technical report.

Answer: **Only available upon email request.**

Question #3: Please provide a copy of the tree survey.

Answer: **See below.**

Phase I Environmental Site Assessment

Approximate 11.5-Acre Property
Southeast of Bloomdale Road and Community Avenue
McKinney, Texas

Prepared For

LifePath Systems

1515 Heritage Drive
McKinney, Texas 75069

September 7, 2022

Project B2208088

Randy Locke
LifePath Systems
1515 Heritage Drive
McKinney, Texas 75069

Re: Phase I Environmental Site Assessment
Approximate 11.5-Acre Property
Southeast of Bloomdale Road and Community Avenue
McKinney, Texas

Dear Mr. Locke:

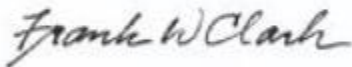
In accordance with your written authorization, Braun Intertec Corporation conducted a Phase I environmental site assessment (ESA) of the above-referenced property (Site). The objective of the Phase I ESA was to identify recognized environmental conditions in connection with the Site and to assist in satisfying All Appropriate Inquiries (AAI) standards and practices. The Phase I ESA was conducted in general conformance with the scope and limitations of ASTM International (ASTM) Practice E1527-13 and 40 Code of Federal Regulations (CFR) Part 312. This assessment also incorporates procedures that meet the protocols established in the recently issued ASTM E1527-21 (refer to Section 1.1 for discussion).

The Phase I ESA was prepared on behalf of, and for use by LifePath Systems. No other party has a right to rely on the contents of the Phase I ESA without written authorization by Braun Intertec. The Phase I ESA was prepared in association with the acquisition of the Site. Please refer to the attached report for the scope, methods and conclusions of our assessment.

We appreciate the opportunity to provide professional services to you for this project. If you have any questions regarding the attached report, please contact Clayton Snider at 972.349.1731 or csnider@braunintertec.com.

Sincerely,

BRAUN INTERTEC CORPORATION



Frank W. Clark, PE, PG
Environmental Professional



Clayton Snider, PG
Environmental Professional

Attachment:
Phase I Environmental Site Assessment Report

Table of Contents

Description	Page
Executive Summary	1
1.0 Introduction.....	2
1.1 Purpose.....	2
1.2 Scope of Services	3
1.3 Use of Report.....	3
1.4 Limitations, Significant Assumptions, and Exceptions	4
1.5 Viability.....	5
2.0 User Provided Information	5
2.1 Environmental Liens	6
2.2 Activity and Use Limitations	6
2.3 Specialized Knowledge	6
2.4 Valuation Reduction for Environmental Issues	6
2.5 Commonly Known or Reasonably Ascertainable Information	7
2.6 Degree of Obviousness.....	7
2.7 Other	7
3.0 Site Location and Description.....	7
3.1 Site Location	7
3.2 Site Description and Use	8
3.3 Current Uses of the Adjoining Properties	8
4.0 Records Review	9
4.1 Physical Setting.....	9
4.1.1 Topography	9
4.1.2 Soil	9
4.1.3 Geology	9
4.1.4 Hydrogeology	10
4.2 Regulatory Database Review.....	10
4.2.1 Site.....	10
4.2.2 Adjoining Properties.....	10
4.2.3 Surrounding Area	11
4.2.4 Unmapped Sites	11
4.2.5 Additional Environmental Record Sources.....	11
4.2.6 Regulatory Agency File and Records Review.....	12
4.3 Historical Use Information Review.....	12
4.3.1 Fire Insurance Maps	12
4.3.2 Topographic Maps.....	13
4.3.3 Aerial Photographs.....	13
4.3.4 City Directories	14
4.3.5 Previous Environmental Documents.....	14
4.3.6 Other Historical Resources	14
4.3.7 Summary of Site History.....	14
4.3.8 Summary of Historical Information for Adjoining and Area Properties.....	15
5.0 Site Reconnaissance	15
5.1 Observations, Methodology and Limiting Conditions.....	15
5.2 Site Observations	15

Table of Contents (continued)

Description	Page
5.2.1 Site Description	15
5.2.2 Pits, Ponds, Pools of Liquid, or Lagoons	15
5.2.3 Stained or Corroded Surfaces	16
5.2.4 Solid Waste Disposal	16
5.2.5 Stressed Vegetation	16
5.2.6 Hazardous Substances and Petroleum Products	16
5.2.7 Storage Tanks	16
5.2.8 Drums and Unidentified Substance Containers	16
5.2.9 Odors	16
5.2.10 Potential PCB-Containing Electrical and Hydraulic Equipment	16
5.2.11 Wastewater Discharges	16
5.2.12 Sewage Disposal System	17
5.2.13 Wells	17
5.2.14 Potable Water Supply	17
5.3 Current and Past Use of Adjoining Properties and Surrounding Area	17
6.0 Interviews	18
6.1 Site Representatives	18
6.2 Site Occupants	18
6.3 Local Government Officials	18
6.4 Others	18
7.0 Data Gaps	19
8.0 Findings and Opinions	19
9.0 Conclusions	20
10.0 Environmental Professional Statement	21

Figures

Figure 1 – Site Location

Figure 2 – Site Layout

Appendices

- A: Definitions
- B: User Questionnaire and User-Provided Documents
- C: County Property Information
- D: References
- E: Environmental Database Report
- F: Local Records and Agency-Reviewed Records
- G: Historical Fire Insurance Maps
- H: Historical Topographic Maps
- I: Historical Aerial Photographs
- J: Historical City Directories
- K: Site Photographs
- L: Qualifications of Consultants

Executive Summary

Braun Intertec Corporation conducted a Phase I Environmental Site Assessment (ESA) of the approximate 11.5-acre property located southeast of the intersection of Bloomdale Road and Community Avenue in McKinney, Collin County, Texas (Subject Property, hereafter referred to as Site) in general conformance with the scope and limitations of ASTM International (ASTM) Practice E1527-13 and 40 Code of Federal Regulations (CFR) Part 312. This assessment also incorporates procedures that meet the protocols established in the recently issued ASTM E1527-21 (refer to Section 1.1 for discussion).

The Site is primarily vacant land with densely vegetated areas on the central and eastern portions of the property. The Site contains multiple sanitary sewer and water line easements for the cities of Irving and McKinney.

Based on the readily available historical information, the Site was historically vacant or agricultural land with a residence or farmstead from the early 1940s through the 1980s. By 2005, all the buildings had been removed and the property has remained vacant since that time.

This assessment has revealed no recognized environmental conditions, controlled recognized environmental conditions, or significant data gaps in connection with the Site.

Additional Considerations

An additional consideration is a condition that does not meet the definition of a REC, CREC, or historical recognized environmental condition (HREC) but, in our opinion, should be brought to the attention of the User. The following additional consideration(s) were identified during the Phase I ESA.

The Site was historically developed with residences and farmstead. No structures or evidence of septic tanks or water wells were observed during this assessment but may have been present. If any septic tanks or water wells are discovered during the redevelopment of the Site, then they should be plugged and abandoned in accordance with state regulations.

1.0 Introduction

Braun Intertec conducted a Phase I Environmental Site Assessment (ESA) of the property located southeast of the intersection of Bloomdale Road and Community Avenue in McKinney, Collin County, Texas (Subject Property, hereafter referred to as Site). The Site is approximately 11.5 acres in size and is vacant land.

1.1 Purpose

The U.S. Environmental Protection Agency (EPA) All Appropriate Inquiry (AAI) rule allows a user to qualify for certain protections from CERCLA liability for innocent landowners, bona fide prospective purchasers, and contiguous property owners in that it constitutes all appropriate inquiry into prior ownership into prior ownership and use of a property prior to or on the date of property acquisition. The purpose of this Phase I ESA was to identify, to the extent feasible pursuant to the processes defined by ASTM International (ASTM) Standard Practice E1527-13 (ASTM E1527-13), recognized environmental conditions in connection with the Site and to assist in satisfying All Appropriate Inquiries (AAI) standards and practices.

A revised ESA Standard, ASTM E1527-21, was issued in November 2021. The updated standard has not been reviewed and accepted by the U.S. EPA as satisfying the requirements for AAI, and therefore ASTM E1527-13 continues to be the Standard recognized as meeting AAI. Nevertheless, since ASTM E1527-21 represents best industry practices, Braun Intertec has adopted the procedures of that standard in the completion of this assessment. Definitions of common terms associated with ASTM 1527-21 are presented in Appendix A.

A *recognized environmental condition* (REC) is defined by ASTM E1527-21 as “(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.” For the purposes of this definition, “likely” is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given therein.

A REC may include a *controlled recognized environmental condition* (CREC) which is defined by ASTM E1527-21 as “a recognized environmental condition affecting the subject property that has been

addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations).”

A historical recognized environmental condition (HREC) is defined by ASTM E1527-21 as “ a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition.”

1.2 Scope of Services

The Phase I ESA was conducted in general conformance with the scope and limitations of ASTM E1527-13 and 40 Code of Federal Regulations (CFR) Part 312. Generally, this scope of services as defined by ASTM E1527-13 included the following.

- Searches for recorded environmental cleanup liens (a User Responsibility).
- Reviews of federal, tribal, state, and local government records.
- A review of readily available historical information; interviews with owners, operators, and occupants (as available).
- Visual reconnaissance of the Site and of adjoining properties.
- Preparation of this report.

1.3 Use of Report

According to the User, the Phase I ESA was conducted in association with the acquisition of the Site.

The Phase I ESA was prepared on behalf of, and for use by, LifePath Systems (User) in accordance with the contract between LifePath Systems and Braun Intertec, including the Braun Intertec General Conditions. No other party has a right to rely on the contents of the Phase I ESA without written authorization by Braun Intertec. All authorized parties are entitled to rely on the report

according to our contract with Client, and under the same terms, conditions, and circumstances. Please note that our contract with Client may contain a limitation of our total liability. If so, such limitation also applies to all those receiving this permission.

1.4 Limitations, Significant Assumptions, and Exceptions

The scope of work defined by the ASTM E1527-13 (and ASTM E1527-21) is not intended to provide a universal analysis of potential environmental risks and hazards. A Phase I ESA cannot wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Braun Intertec used that degree of care and skill ordinarily exercised under similar circumstances by reputable members of its profession currently practicing in the same locality. No warranty, express or implied, is made.

This Phase I ESA included no evaluation of non-ASTM scope considerations such as those listed in ASTM E1527-13, Section 13.1 unless otherwise addressed in this report. These include, but are not limited to, asbestos-containing materials (ACM), radon, indoor air quality, mold or microbial growth conditions, lead-based paint (LBP), lead in drinking water, or wetlands. A complete evaluation of business environmental risk associated with a parcel of commercial real estate may necessitate investigation beyond that addressed by this scope of work. Vapor migration in the subsurface is described by ASTM E2600; however, ASTM E1527-13 does not require application of the E2600 standard to achieve compliance with all appropriate inquiries. An ASTM E2600-15 vapor encroachment screen is not within the scope of this Phase I ESA and will not be conducted unless specifically requested by the User. However, vapors present or likely present from hazardous substances or petroleum products are considered no differently than hazardous substances or petroleum products present or likely present as a result of a release to the environment. The determination of whether a VEC actually exists may require additional information or evaluation that is beyond the scope of a Phase I ESA.

Observations made regarding the layout of the Site and surrounding properties were true at the time of this assessment. Although these features are described using present tense, many described features are not permanent and may change over time.

No significant assumptions were made for this assessment. The findings of this Phase I ESA are based solely upon evaluation of information from the sources referenced within this report. The information obtained from records review is limited to that which is reasonably ascertainable, as defined by ASTM E1527-13. Information obtained from businesses or individuals is limited to that which is voluntarily disclosed. The identification of conditions that could affect the Site may be limited by the availability and accuracy of information provided by governmental and private sources. To the extent practical, the accuracy of information obtained has been verified. The information presented in this report is based

upon records that are currently available and upon the conditions that existed at the time of our visual reconnaissance of the Site. Limiting conditions, if any, present at the time observations of the Site were made are detailed in Section 5.1.

1.5 Viability

Subject to Section 4.6 (*Continued Viability of ESA*) and Section 6 (*User's Responsibilities*) of ASTM E1527-13, an environmental site assessment meeting or exceeding this practice and for which the information was collected or updated within one year prior to the date of acquisition of the Site may be used provided that the following components of the inquiries were updated within 180 days of the date of purchase or the date of the intended transaction; the 180-day period shall commence from the completion of any of these components, whichever is first:

- Interviews with owners, operators, and occupants;
- Searches for recorded environmental cleanup liens (a User Responsibility);
- Reviews of federal, tribal, state, and local government records;
- Visual reconnaissance of the Site and of adjoining properties; and
- The declaration by the environmental professional responsible for the assessment or update.

2.0 User Provided Information

The purpose of this section is to describe tasks to be performed by the "User." The "User" as defined by ASTM E1527-13, is "the party seeking to use ASTM E1527-13 to complete an environmental site assessment of the property. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager."

Statute 40 CFR 312 allows (but does not mandate) the User performing AAI to conduct inquiries or activities that may include searches for environmental liens, assessments of any specialized knowledge on the part of the User, an assessment of commonly known or reasonably ascertainable information about the Site, and an assessment of the relationship of the purchase price to fair market value. However, if the User performing AAI conducts one or more of these inquiries and/or activities, the rule allows (but does not mandate) that the User may communicate information gathered from these inquiries and/or activities to their Environmental Professional (EP) to identify a possible REC.

Braun Intertec provided a User Questionnaire to the Client to communicate information gathered from these inquiries and/or activities to the EP (Appendix B). As indicated in our contract, if multiple Users are

requesting reliance on the Phase I ESA, the Client was responsible for forwarding a copy of the questionnaire to all appropriate entities (collectively the User).

User-supplied information is discussed in the following sections.

2.1 Environmental Liens

An environmental lien is a charge, security, or encumbrance, upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property.

The User was not aware of a record of environmental liens recorded against the Site.

2.2 Activity and Use Limitations

Activity and Use Limitations (AULs) are legal or physical restrictions or limitations on the use of, or access to, a site or facility intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances or petroleum products in environmental media.

The User was not aware of the presence of AULs recorded against the Site.

2.3 Specialized Knowledge

Specialized environmental knowledge includes any information and/or experience related to the Site or nearby properties that is material to identifying RECs in connection with the Site.

The User did not have specialized knowledge or experience regarding the Site or nearby properties.

2.4 Valuation Reduction for Environmental Issues

Valuation reduction for environmental issues includes the relationship of the purchase price to the fair market value of the property.

The User was not aware of information indicating any reduction in purchase price or fair market value due to environmental issues. The User indicated the property is being leased from Collin County.

2.5 Commonly Known or Reasonably Ascertainable Information

Commonly known or reasonably ascertainable information includes information about the Site that is generally known to the public within the local community where the Site is located, and that is material to the identification of RECs in connection with the Site.

The User was not aware of commonly known or reasonably ascertainable information about the Site.

2.6 Degree of Obviousness

The User must consider the degree of obviousness of the presence or likely presence of releases or threatened releases at the Site and the ability to detect releases or threatened releases by appropriate investigation.

The User was not aware of any obvious indications of the presence or likely presence of releases or threatened releases at the Site.

2.7 Other

The User provided a boundary sketch that identified existing and proposed easements and concept plans for the building to be developed on the Site. No other information was provided by the User.

3.0 Site Location and Description

A description of the Site location and description was obtained through a review of user provided information; observations of Site use and improvements as evident at the time observations of the Site; and/or through review of available documents and online sources.

3.1 Site Location

A Site Location Map is attached as Figure 1. Information regarding the Site obtained from the county website is attached in Appendix C. Relevant Site information obtained from the county website and from other sources is summarized below.

Address:	Unaddressed
City:	McKinney
County:	Collin
State:	Texas
Property Identification Number:	1988776
Construction Year:	Not Applicable
Owner:	Collin County
Latitude:	33.2396 North
Longitude:	-96.6363 West
Size:	11.493 acres

3.2 Site Description and Use

A Site Layout Plan is attached as Figure 2. Information regarding the Site was obtained from User-provided information, observations of Site use and improvements made during the Site reconnaissance, and through review of available documents and online sources.

The Site is primarily vacant land with densely vegetated areas in its central and eastern portions. In addition, multiple sanitary sewer and water line easements run across or along the boundaries of the Site.

3.3 Current Uses of the Adjoining Properties

Information regarding the adjoining area was obtained from observations made at the time of the site reconnaissance and/or through review of available documents and online sources.

Direction	Property Use
North	Bloomdale Road followed by Collin County Tax Assessor and the Collin County Courthouse to the northeast
South	James Pitts Drive followed by vacant land
East	Vacant land
West	Community Avenue followed by vacant land under construction and a residential neighborhood to the southwest

4.0 Records Review

The purpose of the records review is to obtain and review records that will help identify RECs in connection with the Site. References identifying published sources and Client- or User-provided reports relied upon in preparation of this Phase I ESA are provided in Appendix D.

4.1 Physical Setting

The purpose of the physical setting review is to provide information about the physical setting of the Site in order to aid in the evaluation of both physical characteristics of the Site and additional attribute data, which is useful in assessing the impact of migration of contaminants and subsequent impact on soils and/or groundwater.

4.1.1 Topography

Surface elevations at the Site range from approximately 650 feet (at the Site's western boundary) to 610 feet above mean sea level (at the eastern boundary), according to the United States Geologic Survey (USGS) 7.5-minute quadrangle for McKinney, Texas. The Site generally slopes to the east-northeast toward an intermittent creek located on the eastern Site boundary.

4.1.2 Soil

The United States Department of Agriculture (USDA) National Resource Conservation Service Web Soil Survey (WSS) website was reviewed to obtain soil information regarding the Site. According to the WSS, the soil at the Site consists primarily of the Altoga silty clay. The Altoga silty clay consists of well drained soils that have moderately low to moderately high capacity to transmit water with slopes of 5 to 8 percent.

4.1.3 Geology

According to the United States Geological Survey (USGS) Interactive Geologic Map Viewer, the primary geologic formation underlying the Site is the Austin Chalk Formation. This formation consists mainly of light gray chalk with thin bedded marl in the middle and some interbeds of calcareous clay and has an estimated thickness of approximately 300 to 500 feet. The Austin Chalk Formation underlying the Site has a low permeability, typically exhibits low groundwater yields, generally restricts downward migration of groundwater, and is considered a regional aquitard.

4.1.4 Hydrogeology

Based upon the presumption that local groundwater flow mirrors surface topography, the groundwater flow direction within the unconsolidated deposits in the Site vicinity is expected to be generally to the east-northeast. However, the local direction of groundwater flow may vary seasonally, and may be affected by nearby streams, lakes, water supply wells, and/or wetlands. Site-specific groundwater flow direction was not determined during this Phase I ESA, and additional field investigations would be required to obtain this information.

4.2 Regulatory Database Review

We obtained regulatory database information pertaining to the Site and surrounding area from Environmental Data Resources, Inc. (EDR). The EDR report is a compilation of records of facilities that are included on current federal and state environmental regulatory databases. The databases were searched based on the specified minimum search distances from the Site as established by ASTM E1527-13.

The EDR report also includes a description, source reference, date of acquisition, and the specified approximate minimum search distance criteria for each database and list. A copy of the EDR report is attached in Appendix E.

We reviewed the EDR report to identify records that indicate known or potential RECs on the Site and/or surrounding area and to evaluate the likelihood for those RECs to impact the Site based upon their distance, topographic position relative to the Site, and the documented presence of contaminant releases that have not been remediated to the satisfaction of regulatory authorities. In addition to the ASTM standard environmental records reviewed, EDR provides listings based upon review of supplemental federal, state and local records (where available), and on exclusive or proprietary databases. Where those databases yielded relevant environmental information regarding environmental conditions at or proximate to the Site, they have been included in the discussion below.

4.2.1 Site

Based on a review of the EDR report, the Site is not listed on any of the standard environmental record sources as specified in ASTM E1527-13.

4.2.2 Adjoining Properties

Based on our review of the EDR report, there are no regulatory listings on the adjoining properties.

4.2.3 Surrounding Area

We reviewed the EDR report for facilities located beyond adjoining properties that may indicate a release or likely release of hazardous substances and/or petroleum products that may impact the Site. No facilities were identified in the EDR report within the standard ASTM search radius.

4.2.4 Unmapped Sites

The EDR report identifies unmappable sites, which, because of poor or inadequate address information cannot not be located. No unmappable sites were identified in the EDR report.

4.2.5 Additional Environmental Record Sources

To enhance and supplement the regulatory database report, we requested reasonably ascertainable local city, county or state records to identify information relevant to the identification of potential RECs at the Site.

State Regulatory Websites

We did not identify facilities on the state regulatory websites we accessed that were not already listed in the EDR report discussed in Section 4.2.

County Information

Additional relevant environmental information was requested from Collin County by a public information request submitted on August 22, 2022. In a response dated August 22, 2022, the County stated that there were no records responsive to the request.

City Information

Braun Intertec requested Site-specific information of environmental relevance from the City of McKinney on August 22, 2022. In a response dated August 25, 2022, the City indicated there are no responsive records to the request. Review of engineering records revealed no documentation of any environmental issue/concern relative to the property in question; however, the City indicated that an existing drainage area that will require study of an ultimate floodplain. A copy of the response is provided in Appendix F.

Well Databases

The Texas Well Report Submission and Retrieval System (TWRSSRS) is a cooperative Texas Department of Licensing and Regulation (TDLR) and Texas Water Development Board (TWDB) online system that maintains well reports submitted by registered water-well drillers. Not all drilled water wells may be listed, and local Groundwater Conservation Districts may contain additional information. Our review of the online database did not identify water wells located on the Site; however, one plugged water well was located approximately 150 feet south of the Site.

4.2.6 Regulatory Agency File and Records Review

The purpose of the regulatory file review is to obtain sufficient information to assist in determining if a REC, HREC, CREC, or a *de minimis* condition exists at the Site in connection with a regulatory report listing.

Because neither the Site nor any adjoining property were identified in the regulatory report, a regulatory agency file and records review is not warranted.

4.3 Historical Use Information Review

The objective of compiling and analyzing historical property information is to develop a history of the previous uses of the Site, adjoining properties, and surrounding area, in order to help identify the likelihood of past uses having led to RECs in connection with the Site.

The following table summarizes the historical information reviewed. Details regarding the information reviewed are provided in the sections below.

Historical Source	Provided By	Years Available
Fire Insurance Maps	EDR	None Available
Topographic Maps	EDR	1929, 1960, 1961, 1968, 1973, 1978, 2013, 2016, 2019
Aerial Photographs	EDR	1942, 1951, 1964, 1968, 1972, 1981, 1989, 1995, 2005, 2008, 2012, 2016
City Directories	EDR	1962, 1967, 1972, 1978, 1982, 1987, 1992, 1995, 2000, 2005, 2010, 2014, 2017

If relevant and useful, other on-line historical sources were reviewed and are cited in the subsections below.

4.3.1 Fire Insurance Maps

Historical maps sometimes produced by private fire insurance map companies may be useful to indicate uses of the Site and nearby properties at specified dates. The information noted on the maps commonly includes uses of individual structures, locations of fuel and/or chemical storage tanks, and storage of other potentially toxic substances. According to EDR, no historical map coverage is available for the Site. A copy of the no coverage document is provided in Appendix G.

4.3.2 Topographic Maps

Topographic maps provide a detailed record of a land area, giving geographic positions and elevations for both natural and man-made features such as pipelines, power lines, and many types of buildings. Maps published after 2009 typically do not include detail related to man-made features. Copies of the historical topographic maps are attached in Appendix H. The following is a summary of the information reviewed.

Site

No coverage is available for the Site on the 1929 topographic map. Beginning in 1960, four structures are depicted on the southern and northeastern portions of the Site as well as a pond on the central portion of the Site. An additional building is located in the south by 1978. No structures are depicted on the 2013 through 2019 topographic maps, however, these maps only depict roadways and water features.

Adjoining Properties

No coverage is available for the Site on the 1929 topographic map. Two buildings are located south of the Site and one building is present to the north beginning in 1960. A road borders the Site to the south and is in current alignment with James Pitts Drive and a road is present to the west. Additionally, a pond is located east of the Site. There is little to no change through the 1978 topographic maps. In 2013, Bloomdale Road and Community Avenue are depicted to the north and west, respectively. Additionally, the streets for the residential neighborhood are depicted southwest of the Site. No structures are depicted on the 2013 through 2019 topographic maps, however, these maps only depict roadways and water features. There is little to no change to the adjoining properties through 2019.

4.3.3 Aerial Photographs

Aerial photographs provide a visual record of land use and landcover conditions frequently dating back to the 1930s or 1940s. Copies of the aerial photographs are attached in Appendix I. The following is a summary of the information reviewed.

Site

Review of the 1942 aerial photograph shows multiple structures as part of a residence or farmstead located in the northern portion of the Site. The remainder of the Site appears to be agricultural land with a pond near the center and a creek on its eastern. In 1951, additional structures are visible on the northern portion of the Site as well as a structure resembling a residence on the southeast corner of the Site. The residential structure is no longer visible by 1972 and most of the structures on the northern portion of the Site have been demolished by 1995 due to the construction of Bloomfield Road. By 2005, all the structures have been demolished and the central and eastern portions of the Site are becoming densely vegetated. There is little to no change through the 2016 aerial photograph.

Adjoining Properties

Review of the 1942 aerial photograph depicts one residence present both west and north of the Site and several residences to the southwest and southeast. A road borders the Site to the south and west. In 1951, two additional structures are located north of the Site that appear to be part of the farmstead on the Site. By 1995, Bloomdale Road is under construction on the north adjoining property with commercial developments farther to the north. By 2005, Community Avenue has been constructed to the west with a residential neighborhood beyond, and the Collin County Courthouse is under construction to the northeast. The Collin County Tax Assessor-Collector and the Collin County Courthouse are completed by 2008. The adjoining properties are relatively similar in the aerial photographs through 2016.

4.3.4 City Directories

City directories provide a listing, by street address, of residents, businesses, organizations or institutions for the date of directory publication. The available city directory listings were reviewed to identify past occupants at the Site and surrounding area. City directories for Bloomdale Road, Community Avenue and James Pitts Drive were reviewed. Copies of the city directories reviewed are provided in Appendix J. A summary of the relevant information is provided below.

Site

Because the Site has historically been vacant land or used for agricultural purposes, it has no assigned street address and is not listed in any of the directories reviewed.

Adjoining Properties

The surrounding properties were listed primarily as school administration buildings and county offices. Notable listings for the adjoining properties include the Collin County Tax Assessor at 2100 Bloomdale Road and the Collin County Courthouse at 2300 Bloomdale Road.

4.3.5 Previous Environmental Documents

No previous environmental reports or documents containing relevant historical information were provided for our review.

4.3.6 Other Historical Resources

No other historical sources were reviewed as part of this assessment.

4.3.7 Summary of Site History

The Site was historically used as a residence and farmstead from at least 1942 until the 1980s. By 2005, the former structures had been removed and the Site has remained vacant since that time.

4.3.8 Summary of Historical Information for Adjoining and Area Properties

The surrounding area was primarily vacant or agricultural land with some single-family residences from the early 1940s through at least 1989. By 1995, Bloomdale Road and commercial development were under construction to the north and a residential development was present to the southwest by 2005. Additional commercial developments that include the Collin County Courthouse and Tax Assessor's Office were completed by 2008.

5.0 Site Reconnaissance

The objective of the site reconnaissance is to obtain information and make observations to help indicate the likelihood of identifying RECs in connection with the Site. The Site layout is presented on Figure 2, and photographs of the Site are presented in Appendix K.

5.1 Observations, Methodology and Limiting Conditions

Braun Intertec Environmental Scientist Chelsi Miller visited the Site on August 23, 2022. She was accompanied during the Site reconnaissance by Randy Locke. At the time of the Site reconnaissance, the weather was cloudy with a temperature of about 77 degrees Fahrenheit.

Observations made at the time of the Site reconnaissance were conducted by physically traversing and visually observing the exterior aspects of the Site and its improvements. Adjoining properties were visually observed from the Site boundaries or nearby public rights-of-way.

5.2 Site Observations

5.2.1 Site Description

The Site is primarily vacant land with densely vegetated areas on its central and eastern portions.

5.2.2 Pits, Ponds, Pools of Liquid, or Lagoons

A pond was identified in the central portion of the Site on historical topographic maps and aerial photographs. The pond was not directly observed during the Site reconnaissance; however, this location was densely vegetated. No indications of pits, ponds, pools of liquid, or lagoons having the potential to contain hazardous substances or petroleum products were observed at the Site or on adjoining properties at the time of our reconnaissance.

5.2.3 Stained or Corroded Surfaces

No stained soil was observed at the time of our reconnaissance.

5.2.4 Solid Waste Disposal

An area of discarded materials including PVC pipe, swimming pools components, lumber, wooden pallets, and a television were observed on the southeast corner of the Site. No evidence of hazardous materials or petroleum products were observed in this area.

5.2.5 Stressed Vegetation

No areas of stressed, discolored, stained or dead vegetation beyond what would be expected due to seasonal conditions were observed at the time of the Site reconnaissance.

5.2.6 Hazardous Substances and Petroleum Products

No indications of current and/or historical use, storage, staining, or spills of hazardous substances or petroleum products were observed at the Site at the time of the reconnaissance.

5.2.7 Storage Tanks

No indications of aboveground or underground storage tanks (AST/UST) were noted at the Site at the time of the reconnaissance.

5.2.8 Drums and Unidentified Substance Containers

No labeled drums or drums containing unidentified substances suspected of being a hazardous substance or petroleum product were observed at the Site at the time of our reconnaissance.

5.2.9 Odors

No strong, pungent, or noxious odors were noted at the time of the Site reconnaissance.

5.2.10 Potential PCB-Containing Electrical and Hydraulic Equipment

Pole-mounted electrical transformers and overhead electrical power lines were noted along the northern and western property boundaries of the Site along Bloomdale Road. The transformers appeared to be in good condition with no indications of leaking or staining.

5.2.11 Wastewater Discharges

No process wastewater was observed during the Site reconnaissance.

5.2.12 Sewage Disposal System

The Site is not connected to municipal sewer services, but municipal services are available to the Site area.

5.2.13 Wells

No indications of wells such as monitoring wells, dry wells, irrigation wells, injection wells, abandoned wells, or other non-potable wells were observed at the Site at the time of the reconnaissance.

5.2.14 Potable Water Supply

The Site is not connected to municipal water services, but municipal services are available to the Site. The City of McKinney purchases water from the North Texas Municipal Water District which obtains water from Lavon Lake, Jim Chapman Lake, Lake Texoma, Lake Tawakoni and the East Fork Raw Water Supply Project.

5.3 Current and Past Use of Adjoining Properties and Surrounding Area

The area reconnaissance was performed to assist in determining whether land use on the adjacent or nearby properties may have features, activities, uses, or conditions that indicate the presence of RECs. The area was toured by foot and automobile from public rights-of-way. The properties surrounding the Site are as follows:

Direction	Property Use
North	Bloomdale Road followed by Collin County Tax Assessor and the Collin County Courthouse to the northeast
South	James Pitts Drive followed by vacant land
East	Vacant land
West	Community Avenue followed by vacant land under construction and a residential neighborhood to the southwest

No obvious indications of environmental concern were noted on adjoining properties at the time of the reconnaissance.

6.0 Interviews

The objective of interviews is to obtain information indicating RECs in connection with the Site. Interviews with past and present owners, operators, and occupants of the property, consisted of questions asked in an attempt to obtain information about current and past uses and conditions of the Site.

6.1 Site Representatives

Mr. Bill Burke, Director of Construction for Collin County, acted as the representative and provided information regarding the use of the Site. Mr. Burke indicated the property was purchased by Collin County around 1991 and the property has been vacant since that time. He was not aware of the presence or past uses of hazardous substances or petroleum products, storage tanks, septic tanks, wells, pits or lagoons. Additionally, Mr. Burke was not aware of the existence of environmental documents such as reports, permits, or plans, nor of any pending, threatened or past litigation, proceedings, or notices from governmental agencies relevant to the assessment. Mr. Burke was unaware of environmental concerns in connection with the Site.

6.2 Site Occupants

The Site is vacant land; therefore, there were no occupants at the Site during the reconnaissance.

6.3 Local Government Officials

Braun Intertec contacted representatives of local government agencies to obtain information relevant to the identification of RECs on the Site. We did not interview local government officials in person, however we submitted written requests for information via letter or electronic media; information obtained from the inquiry is provided in Section 4.2.5 of this report.

6.4 Others

No additional persons were interviewed as part of the assessment.

7.0 Data Gaps

Data gaps, which result from a lack of or inability to obtain information required by this practice despite good faith efforts, may include limiting conditions such as client imposed constraints; physical obstructions that may have limited observations of the Site or surrounding area; physical constraints such as snow, rain or other weather conditions; and data failures which result from a failure to achieve the historical research objectives of developing a history of the previous uses of the Site, adjoining properties, and surrounding area.

No data gaps were identified as part of this Phase I ESA with the exception of the following:

- Observation of portions of the Site was limited due to dense vegetation.

The identified data gaps did not affect the environmental professional's ability to render opinions regarding conditions indicative of a release or threatened release and are unlikely to alter the report findings.

8.0 Findings and Opinions

According to the User, the Phase I ESA was conducted in association with the acquisition of the Site. Opinions expressed herein are influenced by the stated reason for conducting the Phase I ESA. Furthermore, the expressed opinions might not be applicable to alternate reasons for reliance on the content of the Phase I ESA. The findings include identified features, activities, uses, and conditions that may indicate the presence or likely presence of hazardous substances or petroleum products at the Site; and include a discussion of significant data gaps, if any. The following findings are based on the results of our assessment:

- The Site was historically vacant or agricultural land and was developed as a farmstead from the early 1940s through the 1980s. The historical use of the Site for agricultural and residential purposes does not represent a REC.
- At the time of the Site reconnaissance, the property was vacant land. We observed no evidence of features of environmental concern during the reconnaissance.

- The adjoining properties include county buildings to the north, vacant land to the south and east, and commercial and residential developments to the west and southwest. No off-site facilities listed in a regulatory database were identified by EDR. Based on the current and historical use of the adjoining properties, these properties do not represent RECs in connection with the Site.

9.0 Conclusions

Braun Intertec has performed a Phase I ESA of the Site in general conformance with the scope and limitations of ASTM E1527-13, including updated procedures outlined in ASTM E1527-21, of the approximate 11.5 acre property located southeast of the intersection of Bloomdale Road and Community Avenue in McKinney, Collin County, Texas. Any exceptions to, or deletions from, this practice are described in Section 1.4.

This assessment has revealed no RECs, CRECs, or significant data gaps in connection with the Site.

Additional Considerations

An additional consideration is a condition that does not meet the definition of a REC, CREC, or historical recognized environmental condition (HREC) but, in our opinion, should be brought to the attention of the User. The following additional consideration was identified during the Phase I ESA.

The Site was historically developed with residences and as a farmstead. No structures or evidence of septic tanks or water wells were observed during this assessment but may have been present. If any septic tanks or water wells are discovered during the redevelopment of the Site, then they should be plugged and abandoned in accordance with state regulations.

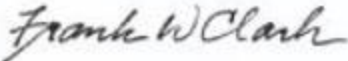
10.0 Environmental Professional Statement

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR Part 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Qualifications of the environmental professional and personnel who completed the ESA are presented in Appendix L.

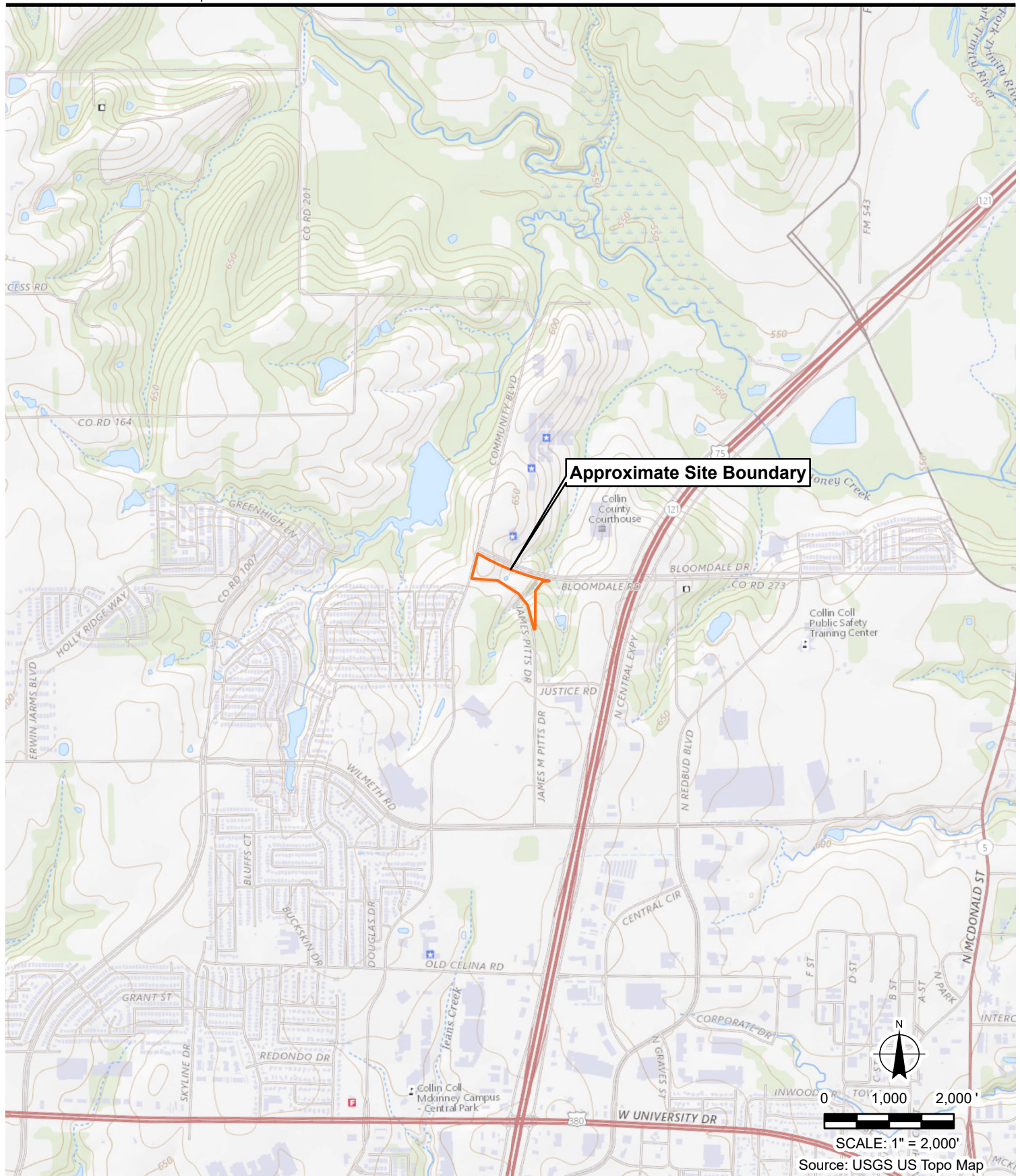
BRAUN INTERTEC CORPORATION



Clayton Snider, PG
Environmental Professional



Frank W. Clark, PE, PG
Environmental Professional





**BRAUN
INTERTEC**

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Project No:
B2208088

Drawing No:
Fig2_SiteLayout

Drawn By: KJS
Date Drawn: 8/24/2022
Checked By: CM
Last Modified: 8/31/2022

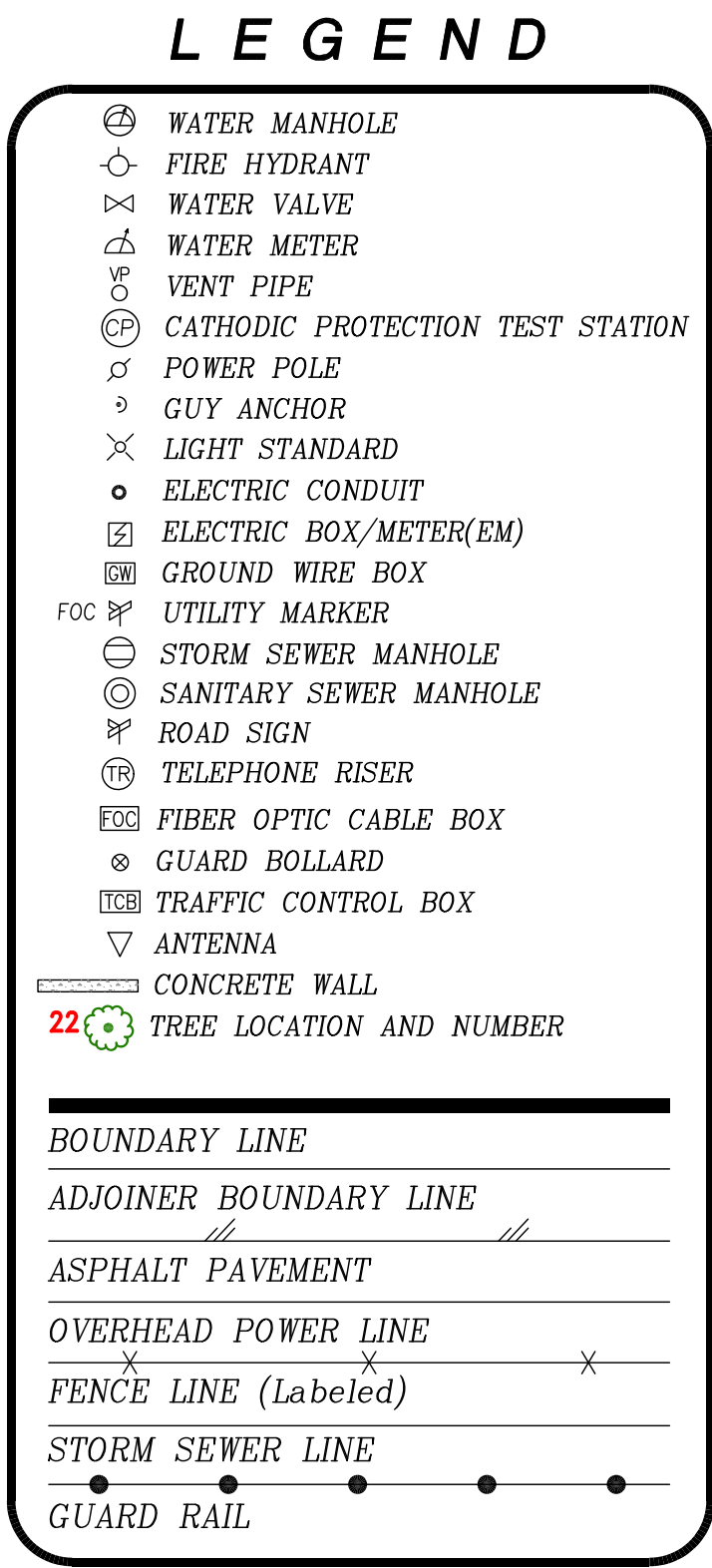
11.5 Acre Property

Bloomdale Road and
Community Avenue

McKinney, Texas

Site Layout

Figure 2



TREE No.	BOTANICAL NAME	COMMON NAME	(DBH)
126	Celtis occidentalis	HACKBERRY	8"
127	Celtis occidentalis	HACKBERRY	19"
128	Celtis occidentalis	HACKBERRY	7"
129	Celtis occidentalis	HACKBERRY	2-14" (D.T.)
130	Ulmus americana	AMERICAN ELM	8"
131	Celtis occidentalis	HACKBERRY	7"
132	Celtis occidentalis	HACKBERRY	11"
133	Celtis occidentalis	HACKBERRY	16"
134	Ulmus americana	AMERICAN ELM	7"
135	Celtis occidentalis	HACKBERRY	15"
136	Maclura pomifera	BOIS D'ARC	23"
137	Celtis occidentalis	HACKBERRY	8"
138	Celtis occidentalis	HACKBERRY	16"
139	Celtis occidentalis	HACKBERRY	17"
140	Celtis occidentalis	HACKBERRY	10"
141	Celtis occidentalis	HACKBERRY	10"
142	Celtis occidentalis	HACKBERRY	7"
143	Celtis occidentalis	HACKBERRY	6"
144	Celtis occidentalis	HACKBERRY	11"
145	Celtis occidentalis	HACKBERRY	8"

TEKE	NO.	BOTANICAL NAME	COMMON NAME	(DBH)
	146	Celtis occidentalis	HACKBERRY	7"
	147	Ulmus americana	AMERICAN ELM	34"
	148	Zanthoxylum hirsutum Buckl.	TICKLE TONGUE	7"
	149	Celtis occidentalis	HACKBERRY	6"
	150	Maclura pomifera	BOIS D'ARC	10"
	151	Celtis occidentalis	HACKBERRY	16"
	152	Gleditsia triacanthos	HONEY LOCUST	11"
	153	Maclura pomifera	BOIS D'ARC	12"
	154	Quercus rubra	RED OAK	8"
	155	Quercus rubra	RED OAK	9"
	156	Quercus alba	WHITE OAK	9"
	157	Celtis occidentalis	HACKBERRY	6"
	158	Zanthoxylum hirsutum Buckl.	TICKLE TONGUE	6"
	159	Ulmus crassifolia	CEDAR ELM	6"
	160	Maclura pomifera	BOIS D'ARC	48"
	161	Ulmus americana	AMERICAN ELM	8"
	162	Cedrus	CEDAR	7"
	163	Celtis occidentalis	HACKBERRY	12"
	164	Ulmus crassifolia	CEDAR ELM	8"
	165	Gleditsia triacanthos	HONEY LOCUST	13"
	166	Maclura pomifera	BOIS D'ARC	10"
	167	Celtis occidentalis	HACKBERRY	18"
	168	Maclura pomifera	BOIS D'ARC	19"
	169	Maclura pomifera	BOIS D'ARC	20"
	170	Carya illinoensis	PECAN	6"
	171	Fraxinus pennsylvanica	GREEN ASH	6"
	172	Celtis occidentalis	HACKBERRY	10"
	173	Maclura pomifera	BOIS D'ARC	24"
	174	Gleditsia triacanthos	HONEY LOCUST	12"
	175	Celtis occidentalis	HACKBERRY	6"
	176	Celtis occidentalis	HACKBERRY	9"
	177	Celtis occidentalis	HACKBERRY	12"
	178	Maclura pomifera	BOIS D'ARC	20"+24" (D.T.)
	179	Maclura pomifera	BOIS D'ARC	14"+22" (D.T.)
	180	Ulmus americana	AMERICAN ELM	6"
	181	Ulmus americana	AMERICAN ELM	8"
	182	Gleditsia triacanthos	HONEY LOCUST	11"
	183	Maclura pomifera	BOIS D'ARC	2-8"
	184	Celtis occidentalis	HACKBERRY	17"
	185	Ulmus americana	AMERICAN ELM	8"
	186	Maclura pomifera	BOIS D'ARC	8"
	187	Quercus rubra	RED OAK	12"
	188	Ulmus crassifolia	CEDAR ELM	6"
	189	Ulmus crassifolia	CEDAR ELM	6"
	190	Ulmus crassifolia	CEDAR ELM	6"
	191	Ulmus crassifolia	CEDAR ELM	8"
	192	Ulmus crassifolia	CEDAR ELM	13"
	193	Gleditsia triacanthos	HONEY LOCUST	7"
	194	Gleditsia triacanthos	HONEY LOCUST	8"
	195	Celtis occidentalis	HACKBERRY	6"
	196	Ulmus americana	AMERICAN ELM	9"
	197	Maclura pomifera	BOIS D'ARC	6"
	198	Ulmus crassifolia	CEDAR ELM	8"
	199	Ulmus crassifolia	CEDAR ELM	9"
	200	Ulmus crassifolia	CEDAR ELM	8"
	201	Maclura pomifera	BOIS D'ARC	11"
	202	Ulmus crassifolia	CEDAR ELM	24"
	203	Celtis occidentalis	HACKBERRY	14"
	204	Ulmus crassifolia	CEDAR ELM	11"
	205	Ulmus crassifolia	CEDAR ELM	12"
	206	Maclura pomifera	BOIS D'ARC	15"
	207	Maclura pomifera	BOIS D'ARC	12"
	208	Maclura pomifera	BOIS D'ARC	9"
	209	Cedrus	CEDAR	8"
	210	Celtis occidentalis	HACKBERRY	6"
	211	Ulmus crassifolia	CEDAR ELM	6"
	212	Carya illinoensis	PECAN	7"
	213	Celtis occidentalis	HACKBERRY	7"+10" (D.T.)
	214	Maclura pomifera	BOIS D'ARC	24"
	215	Celtis occidentalis	HACKBERRY	14"
	216	Celtis occidentalis	HACKBERRY	17"
	217	Ulmus americana	AMERICAN ELM	8"
	218	Pyrus	PEAR	7"
	219	Celtis occidentalis	HACKBERRY	13"
	220	Celtis occidentalis	HACKBERRY	11"
	221	Celtis occidentalis	HACKBERRY	13"
	222	Cedrus	CEDAR	6"
	223	Prunus domestica	PLUM	7"
	224	Prunus domestica	PLUM	6"
	225	Prunus domestica	PLUM	10"
	226	Cedrus	CEDAR	8"
	227	Maclura pomifera	BOIS D'ARC	11"
	228	Maclura pomifera	BOIS D'ARC	11"
	229	Cedrus	CEDAR	8"
	230	Ulmus crassifolia	CEDAR ELM	9"
	231	Ulmus crassifolia	CEDAR ELM	13"
	232	Ulmus crassifolia	CEDAR ELM	13"

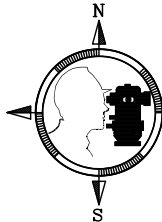
TREE NO.	BOTANICAL NAME	COMMON NAME	(DBH)
58	Fraxinus pennsylvanica	GREEN ASH	11"
59	Ulmus crassifolia	CEDAR ELM	6"
60	Fraxinus pennsylvanica	GREEN ASH	13"
61	Ulmus crassifolia	CEDAR ELM	7"
62	Ulmus crassifolia	CEDAR ELM	7"
63	Fraxinus pennsylvanica	GREEN ASH	11"
64	Maclura pomifera	BOIS D'ARC	6"
65	Ulmus crassifolia	CEDAR ELM	8"
66	Ulmus crassifolia	CEDAR ELM	12"
67	Ulmus crassifolia	CEDAR ELM	8"
68	Fraxinus pennsylvanica	GREEN ASH	7"
69	Fraxinus pennsylvanica	GREEN ASH	7"
70	Fraxinus pennsylvanica	GREEN ASH	6"
71	Ulmus crassifolia	CEDAR ELM	12"
72	Ulmus crassifolia	CEDAR ELM	8"
73	Ulmus crassifolia	CEDAR ELM	16"
74	Ulmus crassifolia	CEDAR ELM	8"
75	Ulmus crassifolia	CEDAR ELM	10"
76	Ulmus crassifolia	CEDAR ELM	9"
77	Ulmus crassifolia	CEDAR ELM	8"
78	Celtis occidentalis	HACKBERRY	6"
79	Ulmus crassifolia	CEDAR ELM	6"
80	Fraxinus pennsylvanica	GREEN ASH	10"
81	Cedrus	CEDAR	8"
82	Celtis occidentalis	HACKBERRY	8"
83	Maclura pomifera	BOIS D'ARC	18"
84	Ulmus crassifolia	CEDAR ELM	7"
85	Ulmus crassifolia	CEDAR ELM	8"
86	Maclura pomifera	BOIS D'ARC	2-12" (D.T.)
87	Zanthoxylum hirsutum Buckl.	TICKLE TONGUE	8"
88	Zanthoxylum hirsutum Buckl.	TICKLE TONGUE	8"
89	Ulmus crassifolia	CEDAR ELM	7"
90	Gleditsia triacanthos	HONEY LOCUST	6"
91	Celtis occidentalis	HACKBERRY	6"
92	Gleditsia triacanthos	HONEY LOCUST	8"
93	Maclura pomifera	BOIS D'ARC	2-6" (D.T.)
94	Fraxinus pennsylvanica	GREEN ASH	7"
95	Celtis occidentalis	HACKBERRY	7"+8" (D.T.)
96	Quercus alba	WHITE OAK	26"
97	Fraxinus pennsylvanica	GREEN ASH	11"
98	Celtis occidentalis	HACKBERRY	10"
99	Celtis occidentalis	HACKBERRY	7"
100	Celtis occidentalis	HACKBERRY	7"
101	Celtis occidentalis	HACKBERRY	9"
102	Maclura pomifera	BOIS D'ARC	10"
103	Celtis occidentalis	HACKBERRY	8"
104	Ulmus crassifolia	CEDAR ELM	23"
105	Quercus alba	WHITE OAK	6"
106	Ulmus crassifolia	CEDAR ELM	15"
107	Ulmus crassifolia	CEDAR ELM	10"
108	Maclura pomifera	BOIS D'ARC	19"
109	Celtis occidentalis	HACKBERRY	16"
110	Carya illinoensis	PECAN	6"+13" (D.T.)
111	Celtis occidentalis	HACKBERRY	11"
112	Celtis occidentalis	HACKBERRY	6"
113	Celtis occidentalis	HACKBERRY	6"
114	Maclura pomifera	BOIS D'ARC	8"

NOTE:

THIS IS NOT A BOUNDARY SURVEY AND SHOULD NOT BE USED FOR THE CONVEYANCE OF PROPERTY. THIS TOPOGRAPHIC SURVEY WAS PREPARED FOR CROSS ENGINEERING CONSULTANTS, INC. FOR THE DESIGN PURPOSES ONLY. THE BOUNDARY SHOWN HEREON WAS PLOTTED FROM THE CURRENT DEED AND PLACED UPON CORNER MONUMENTS FOUND ON THE GROUND DURING THE TIME OF THE SURVEY.

TREE SURVEY

LOT 1, BLOCK 2
COLLIN COUNTY JUSTICE CENTER
8.355 Acres
situated in the
Meredith Hart Survey, Abstract No. 371
Thomas J. McDonald Survey, Abstract No. 576
City of McKinney, Collin County, Texas



RINGLEY & ASSOCIATES, INC. →

SURVEYING • MAPPING • PLANNING
Texas Firm Registration No. 10061300
701 S. Tennessee - McKinney, Texas 75069
(972) 542-1266

Drawn by	Date	Scale	Job	Title	Sheet
<i>Mark Hach</i>	10/07/2022	1" = 60'	2022-061	2022-061-TREE.DWG	1 of 1

TREE No.	BOTANTICAL NAME	COMMON NAME	(DBH)
1	Ulmus americana	AMERICAN ELM	10"
2	Populus sect. Aigeiros	COTTONWOOD	17"
3	Ulmus crassifolia	CEDAR ELM	7"
4	Ulmus crassifolia	CEDAR ELM	7"
5	Ulmus crassifolia	CEDAR ELM	8"
6	Ulmus crassifolia	CEDAR ELM	9"
7	Ulmus crassifolia	CEDAR ELM	8"
8	Cedrus	CEDAR	7"
9	Ulmus crassifolia	CEDAR ELM	10"
10	Cedrus	CEDAR	7"
11	Populus sect. Aigeiros	COTTONWOOD	13"
12	Populus sect. Aigeiros	COTTONWOOD	13"
13	Celtis occidentalis	HACKBERRY	8"
14	Ulmus americana	AMERICAN ELM	10"
15	Celtis occidentalis	HACKBERRY	10"
16	Ulmus crassifolia	CEDAR ELM	8"
17	Ulmus americana	AMERICAN ELM	19"
18	Ulmus americana	AMERICAN ELM	6"
19	Ulmus americana	AMERICAN ELM	20"
20	Fraxinus pennsylvanica	GREEN ASH	2-11"+2-13" (M.T.)
21	Ulmus crassifolia	CEDAR ELM	10"
22	Ulmus crassifolia	CEDAR ELM	9"
23	Fraxinus pennsylvanica	GREEN ASH	7"
24	Celtis occidentalis	HACKBERRY	6"
25	Celtis occidentalis	HACKBERRY	7"
26	Celtis occidentalis	HACKBERRY	6"
27	Celtis occidentalis	HACKBERRY	7"
28	Fraxinus pennsylvanica	GREEN ASH	9"
29	Ulmus crassifolia	CEDAR ELM	20"
30	Ulmus crassifolia	CEDAR ELM	7"
31	Ulmus crassifolia	CEDAR ELM	13"
32	Ulmus crassifolia	CEDAR ELM	8"
33	Ulmus crassifolia	CEDAR ELM	7"

34	Ulmus crassifolia	CEDAR ELM	9"
35	Ulmus crassifolia	CEDAR ELM	21"
36	Fraxinus pennsylvanica	GREEN ASH	9"+13" (D.T.)
37	Ulmus crassifolia	CEDAR ELM	7"
38	Fraxinus pennsylvanica	GREEN ASH	8"
39	Fraxinus pennsylvanica	GREEN ASH	8"
40	Ulmus crassifolia	CEDAR ELM	14"
41	Ulmus crassifolia	CEDAR ELM	14"
42	Ulmus crassifolia	CEDAR ELM	19"
43	Ulmus crassifolia	CEDAR ELM	6"
44	Fraxinus pennsylvanica	GREEN ASH	7"
45	Fraxinus pennsylvanica	GREEN ASH	9"
46	Fraxinus pennsylvanica	GREEN ASH	8"
47	Ulmus crassifolia	CEDAR ELM	14"
48	Ulmus crassifolia	CEDAR ELM	8"
49	Ulmus crassifolia	CEDAR ELM	9"
50	Ulmus crassifolia	CEDAR ELM	9"
51	Fraxinus pennsylvanica	GREEN ASH	11"
52	Ulmus crassifolia	CEDAR ELM	8"
53	Ulmus crassifolia	CEDAR ELM	15"
54	Ulmus crassifolia	CEDAR ELM	13"
55	Fraxinus pennsylvanica	GREEN ASH	6"
56	Fraxinus pennsylvanica	GREEN ASH	8"
57	Maclura pomifera	BOIS D'ARC	27"
58	Fraxinus pennsylvanica	GREEN ASH	11"
59	Ulmus crassifolia	CEDAR ELM	6"
60	Fraxinus pennsylvanica	GREEN ASH	13"
61	Ulmus crassifolia	CEDAR ELM	7"
62	Ulmus crassifolia	CEDAR ELM	7"
63	Fraxinus pennsylvanica	GREEN ASH	11"
64	Maclura pomifera	BOIS D'ARC	6"
65	Ulmus crassifolia	CEDAR ELM	8"
66	Ulmus crassifolia	CEDAR ELM	12"
67	Ulmus crassifolia	CEDAR ELM	8"

68	Fraxinus pennsylvanica	GREEN ASH	7"
69	Fraxinus pennsylvanica	GREEN ASH	7"
70	Fraxinus pennsylvanica	GREEN ASH	6"
71	Ulmus crassifolia	CEDAR ELM	12"
72	Ulmus crassifolia	CEDAR ELM	8"
73	Ulmus crassifolia	CEDAR ELM	16"
74	Ulmus crassifolia	CEDAR ELM	8"
75	Ulmus crassifolia	CEDAR ELM	10"
76	Ulmus crassifolia	CEDAR ELM	9"
77	Ulmus crassifolia	CEDAR ELM	8"
78	Celtis occidentalis	HACKBERRY	6"
79	Ulmus crassifolia	CEDAR ELM	6"
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88	Zanthoxylum hirsutum Buckl.	TICKLE TONGUE	8"
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90	Gleditsia triacanthos	HONEY LOCUST	6"
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93	Maclura pomifera	BOIS D'ARC	2-6" (D.T.)
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96	Quercus alba	WHITE OAK	26"
97	Fraxinus pennsylvanica	GREEN ASH	11"
98	Celtis occidentalis	HACKBERRY	10"
99	Celtis occidentalis	HACKBERRY	7"
100	Celtis occidentalis	HACKBERRY	7"
101	Celtis occidentalis	HACKBERRY	9"

102	Maclura pomifera	BOIS D'ARC	10"
103	Celtis occidentalis	HACKBERRY	8"
104	Ulmus crassifolia	CEDAR ELM	23"
105	Quercus alba	WHITE OAK	6"
106	Ulmus crassifolia	CEDAR ELM	15"
107	Ulmus crassifolia	CEDAR ELM	10"
108	Maclura pomifera	BOIS D'ARC	19"
109	Celtis occidentalis	HACKBERRY	16"
110	Carya illinoensis	PECAN	6"+13" (D.T.)
111	Celtis occidentalis	HACKBERRY	11"
112	Celtis occidentalis	HACKBERRY	6"
113	Celtis occidentalis	HACKBERRY	6"
114	Maclura pomifera	BOIS D'ARC	8"
115	Ulmus crassifolia	CEDAR ELM	32"
116	Celtis occidentalis	HACKBERRY	10"
117	Celtis occidentalis	HACKBERRY	10"
118	Celtis occidentalis	HACKBERRY	8"
119	Celtis occidentalis	HACKBERRY	17"
120	Celtis occidentalis	HACKBERRY	10"
121	Gleditsia triacanthos	HONEY LOCUST	6"+7" (D.T.)
122	Celtis occidentalis	HACKBERRY	7"+8" (D.T.)
123	Celtis occidentalis	HACKBERRY	2-6" (D.T.)
124	Celtis occidentalis	HACKBERRY	19"
125	Gleditsia triacanthos	HONEY LOCUST	7"
126	Celtis occidentalis	HACKBERRY	8"
127	Celtis occidentalis	HACKBERRY	19"
128	Celtis occidentalis	HACKBERRY	7"
129	Celtis occidentalis	HACKBERRY	2-14" (D.T.)
130	Ulmus americana	AMERICAN ELM	8"
131	Celtis occidentalis	HACKBERRY	7"
132	Celtis occidentalis	HACKBERRY	11"
133	Celtis occidentalis	HACKBERRY	16"
134	Ulmus americana	AMERICAN ELM	7"
135	Celtis occidentalis	HACKBERRY	15"

136	Maclura pomifera	BOIS D'ARC	23"
137	Celtis occidentalis	HACKBERRY	8"
138	Celtis occidentalis	HACKBERRY	16"
139	Celtis occidentalis	HACKBERRY	17"
140	Celtis occidentalis	HACKBERRY	10"
141	Celtis occidentalis	HACKBERRY	10"
142	Celtis occidentalis	HACKBERRY	7"
143	Celtis occidentalis	HACKBERRY	6"
144	Celtis occidentalis	HACKBERRY	11"
145	Celtis occidentalis	HACKBERRY	8"
146	Celtis occidentalis	HACKBERRY	7"
147	Ulmus americana	AMERICAN ELM	34"
148	Zanthoxylum hirsutum Buckl.	TICKLE TONGUE	7"
149	Celtis occidentalis	HACKBERRY	6"
150	Maclura pomifera	BOIS D'ARC	10"
151	Celtis occidentalis	HACKBERRY	16"
152	Gleditsia triacanthos	HONEY LOCUST	11"
153	Maclura pomifera	BOIS D'ARC	12"
154	Quercus rubra	RED OAK	8"
155	Quercus rubra	RED OAK	9"
156	Quercus alba	WHITE OAK	9"
157	Celtis occidentalis	HACKBERRY	6"
158	Zanthoxylum hirsutum Buckl.	TICKLE TONGUE	6"
159	Ulmus crassifolia	CEDAR ELM	6"
160	Maclura pomifera	BOIS D'ARC	48"
161	Ulmus americana	AMERICAN ELM	8"
162	Cedrus	CEDAR	7"
163	Celtis occidentalis	HACKBERRY	12"
164	Ulmus crassifolia	CEDAR ELM	8"
165	Gleditsia triacanthos	HONEY LOCUST	13"
166	Maclura pomifera	BOIS D'ARC	10"
167	Celtis occidentalis	HACKBERRY	18"
168	Maclura pomifera	BOIS D'ARC	19"
169	Maclura pomifera	BOIS D'ARC	20"

170	<i>Carya illinoensis</i>	PECAN	6"
171	<i>Fraxinus pennsylvanica</i>	GREEN ASH	6"
172	<i>Celtis occidentalis</i>	HACKBERRY	10"
173	<i>Maclura pomifera</i>	BOIS D'ARC	24"
174	<i>Gleditsia triacanthos</i>	HONEY LOCUST	12"
175	<i>Celtis occidentalis</i>	HACKBERRY	6"
176	<i>Celtis occidentalis</i>	HACKBERRY	9"
177	<i>Celtis occidentalis</i>	HACKBERRY	12"
178	<i>Maclura pomifera</i>	BOIS D'ARC	20"+24" (D.T.)
179	<i>Maclura pomifera</i>	BOIS D'ARC	14"+22" (D.T.)
180	<i>Ulmus americana</i>	AMERICAN ELM	6"
181	<i>Ulmus americana</i>	AMERICAN ELM	8"
182	<i>Gleditsia triacanthos</i>	HONEY LOCUST	11"
183	<i>Maclura pomifera</i>	BOIS D'ARC	2-8" (D.T.)
184	<i>Celtis occidentalis</i>	HACKBERRY	17"
185	<i>Ulmus americana</i>	AMERICAN ELM	8"
186	<i>Maclura pomifera</i>	BOIS D'ARC	8"
187	<i>Quercus rubra</i>	RED OAK	12"
188	<i>Ulmus crassifolia</i>	CEDAR ELM	6"
189	<i>Ulmus crassifolia</i>	CEDAR ELM	6"
190	<i>Ulmus crassifolia</i>	CEDAR ELM	6"
191	<i>Ulmus crassifolia</i>	CEDAR ELM	8"
192	<i>Ulmus crassifolia</i>	CEDAR ELM	13"
193	<i>Gleditsia triacanthos</i>	HONEY LOCUST	7"
194	<i>Gleditsia triacanthos</i>	HONEY LOCUST	8"
195	<i>Celtis occidentalis</i>	HACKBERRY	6"
196	<i>Ulmus americana</i>	AMERICAN ELM	9"
197	<i>Maclura pomifera</i>	BOIS D'ARC	6"
198	<i>Ulmus crassifolia</i>	CEDAR ELM	8"
199	<i>Ulmus crassifolia</i>	CEDAR ELM	9"
200	<i>Ulmus crassifolia</i>	CEDAR ELM	8"
201	<i>Maclura pomifera</i>	BOIS D'ARC	11"
202	<i>Ulmus crassifolia</i>	CEDAR ELM	24"
203	<i>Celtis occidentalis</i>	HACKBERRY	14"

204	Ulmus crassifolia	CEDAR ELM	11"
205	Ulmus crassifolia	CEDAR ELM	12"
206	Maclura pomifera	BOIS D'ARC	15"
207	Maclura pomifera	BOIS D'ARC	12"
208	Maclura pomifera	BOIS D'ARC	9"
209	Cedrus	CEDAR	8"
210	Celtis occidentalis	HACKBERRY	6"
211	Ulmus crassifolia	CEDAR ELM	6"
212	Carya illinoensis	PECAN	7"
213	Celtis occidentalis	HACKBERRY	7"+10" (D.T.)
214	Maclura pomifera	BOIS D'ARC	24"
215	Celtis occidentalis	HACKBERRY	14"
216	Celtis occidentalis	HACKBERRY	17"
217	Ulmus americana	AMERICAN ELM	8"
218	Pyrus	PEAR	7"
219	Celtis occidentalis	HACKBERRY	13"
220	Celtis occidentalis	HACKBERRY	11"
221	Celtis occidentalis	HACKBERRY	13"
222	Cedrus	CEDAR	6"
223	Prunus domestica	PLUM	7"
224	Prunus domestica	PLUM	6"
225	Prunus domestica	PLUM	10"
226	Cedrus	CEDAR	8"
227	Maclura pomifera	BOIS D'ARC	11"
228	Cedrus	CEDAR	11"
229	Cedrus	CEDAR	8"
230	Ulmus crassifolia	CEDAR ELM	9"
231	Ulmus crassifolia	CEDAR ELM	13"
232	Ulmus crassifolia	CEDAR ELM	13"

(D.T.) = Double Trunk

(M.T.) = Multi Trunk