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Dallas, Texas 75247
P (214) 630-1010
Terracon.com

November 11, 2025

Collin County Texas
4600 Community Avenue, Suite 200
McKinney, Texas 75071

Attn: Mr. Bridell Miers, P.E., CFM
P: 972.548.3723
E: bmiers@co.collin.tx.us

RE: Proposal for Geotechnical Engineering Services
Myers Park Gazebo Slope Improvements
7117 County Road 166
McKinney, Texas
Terracon Proposal No. P94255621.Updated

Dear Mr. Miers:

We appreciate the opportunity to submit this proposal to Collin County Texas to provide Geotechnical Engineering services for the above referenced project. The following are exhibits to the attached Agreement for Services.

Exhibit A	Project Understanding
Exhibit B	Scope of Services
Exhibit C	Compensation and Project Schedule
Exhibit D	Site Location and Nearby Geotechnical Data
Exhibit E	Anticipated Exploration Plan

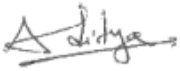
Our base fee to perform the Scope of Services described in this proposal is provided in Exhibit C which includes details of our fees and consideration of additional services as well as a general breakdown of our anticipated schedule.

The terms, conditions, and limitations stated in the Professional Services Agreement No. 2023-239 and Amendment 2 between Collin County Texas and Terracon Consultants, Inc. and sections of this proposal incorporated therein shall constitute the exclusive terms and conditions and services to be performed for this project. This proposal may be accepted by issuing Purchase Order which will serve as our notice to proceed.

Sincerely,

Terracon
Registration No. F-3272

Blake R. Goben, P.E.
Senior Geotechnical Engineer



Aditya Rayudu, M.S., P.E.
Senior Associate

Exhibit A – Project Understanding

Our Scope of Services is based on our understanding of the project as described by Kimley Horn and Collin County and the expected subsurface conditions as described in this section. We have not visited the project site to confirm the information provided. Aspects of the project, undefined or assumed, are highlighted. We request Kimley Horn and Collin County and/or the design team verify all information prior to our initiation of field exploration activities.

Planned Construction

Item	Description
Project Description and Scope	We understand the earthen slope northwest of the existing gazebo has experienced erosion, about 70 feet in length. Proposed improvements are to place additional embankment and rock rip rap fill along the existing pond slopes.
Grading/Slopes	We assume the existing slope is about 8 feet in height. Final slopes are to be determined based on a slope stability analysis and planned with an inclination of 2H:1V (Horizontal: Vertical) or flatter.

Site Location and Anticipated Conditions

Item	Description
Parcel Information	The project site is within Myers Park and Event Center located at 7117 County Road 166 in McKinney, Texas. Latitude / Longitude (approximate): 33.27281, -96.68119 See Exhibit D
Existing Improvements	Based on available aerial photographs, the site is occupied by an existing gazebo structure, associated sidewalks, and an amenity pond.
Current Ground Cover	Grass.
Existing Topography	Based on topographical information available from North Central Texas Council of Governments' website (**www.dfwmaps.com**), the ground surface of the project site generally slopes down South to North from El. 674 to El. 664.

Item	Description
Site Access	We expect the site and exploration locations are accessible with our truck-mounted drilling equipment and support vehicles when the site is dry.
Expected Subsurface Conditions	Our experience near the vicinity of the proposed development and review of geologic maps indicates subsurface conditions consist of expansive clays to depths of about 15 to 20 feet overlying limestone bedrock.

Exhibit B - Scope of Services

Our proposed Scope of Services consists of field exploration, laboratory testing, and engineering/project delivery. These services are described in the following sections.

Field Exploration

Based on our understanding of the project and our experience with similar projects in the vicinity of the project site, we propose the following field exploration program.

Number of Borings	Planned Boring Depth	Planned Location [1]
1	5 feet into unweathered bedrock or 30 feet maximum, whichever occurs first	Near gazebo and slope area

1. The planned boring locations are shown on the attached **Anticipated Exploration Plan**.

Boring Layout and Elevations: We will use handheld GPS equipment to locate borings with an estimated horizontal accuracy of +/-20 feet. Field measurements from existing site features may be utilized. If available, approximate surface elevations will be obtained by interpolation from a site specific, surveyed topographic map. Otherwise, surface elevations will be interpolated from publicly available data (Google Earth, **www.dfwmaps.com**, etc.). If accurate boring layout and surface elevations are required, a survey of the boring locations should be provided by others.

Subsurface Exploration Procedures: We will advance borings with a truck-mounted drill rig using continuous flight augers (solid stem and/or hollow stem, as necessary, depending on soil conditions) and/or rotary wash boring techniques. Four to five soil samples will be obtained in the upper 10 feet of each boring and at intervals of 5 feet thereafter. Soil sampling is typically performed using push tube and/or split-barrel sampling procedures. The split-barrel samplers are driven in accordance with the standard penetration test (SPT). The load carrying capacity of bedrock (if encountered) will be evaluated in the field using the Texas Department of Transportation's (TxDOT) cone penetration test.

The samples will be placed in appropriate containers, taken to our soil laboratory for testing, and classified by a Geotechnical Engineer. In addition, we will observe and record groundwater levels during drilling and sampling.

Our exploration team will prepare field boring logs as part of standard drilling operations including sampling depths, penetration distances, and other relevant sampling information. Field logs include visual classifications of materials observed during drilling

and our interpretation of subsurface conditions between samples. Final boring logs, prepared from field logs, represent the Geotechnical Engineer's interpretation and include modifications based on observations and laboratory tests.

Property Disturbance: Terracon will take reasonable efforts to reduce damage to the property. However, it should be understood that in the normal course of our work some disturbance could occur including rutting of the ground surface and damage to landscaping.

We will backfill borings with auger cuttings upon completion. Our services do not include repair of the site beyond backfilling our boreholes. Excess auger cuttings will be dispersed in the general vicinity of the borehole. Because backfill material often settles below the surface after a period, we recommend boreholes to be periodically checked and backfilled, if necessary. We can provide this service or grout the boreholes for additional fees at your request.

Safety

Terracon is not aware of environmental concerns at this project site that would create health or safety hazards associated with our exploration program; thus, our Scope considers standard OSHA Level D Personal Protection Equipment (PPE) appropriate. Our Scope of Services does not include environmental site assessment services, but identification of unusual or unnatural materials observed while drilling will be noted on our logs.

Exploration efforts require borings and/or test pit excavations into the subsurface, therefore Terracon will comply with local regulations to request a utility location service through Texas811.

Private utilities should be marked by the owner/client prior to commencement of field exploration. Terracon will not be responsible for damage to private utilities not disclosed to us.

Terracon’s Scope of Services does not include private utility locating services. If the landowner/client is unable to accurately locate private utilities, and it becomes apparent that the risk of private utilities on/near the site exists, then Terracon will initiate these services by forwarding the additional scope and corresponding fee to our client for approval.

The detection of underground utilities is dependent upon the composition and construction of the utility line; some utilities are comprised of non-electrically conductive materials and may not be readily detected. The use of a private utility locate service

would not relieve the landowner/client of their responsibilities in identifying private underground utilities.

Site Access: Terracon must be granted access to the site by the property owner. Without information to the contrary, we consider acceptance of this proposal as authorization to access the property for conducting field exploration in accordance with the Scope of Services. Our proposed fees do not include time to negotiate and coordinate access with landowners or tenants. Terracon will conduct field services during normal business hours (Monday through Friday between 7:00am and 5:00pm). If our exploration must take place over a weekend or at night, please contact us so we can adjust our schedule and fee.

Laboratory Testing

The project engineer will review field data and assign laboratory tests to understand the engineering properties of various soil and rock strata. Exact types and number of tests cannot be defined until completion of fieldwork, but we anticipate the following laboratory testing may be performed:

- Water (moisture) content
- Liquid limit, plastic limit, and plasticity index
- Unconfined compressive strength of soil
- Material finer than 75-µm (No. 200) sieve
- Particle size analysis
- Unit dry weight

Our laboratory testing program often includes examination of soil samples by an engineer. Based on the results of our field and laboratory programs, we will describe and classify soil samples in accordance with the Unified Soil Classification System (USCS).

Engineering and Project Delivery

The results of our field and laboratory programs will be evaluated, and a geotechnical engineering report will be prepared under the supervision of a licensed professional engineer. The geotechnical engineering report will provide the following:

- Boring logs with field and laboratory data
- Stratification based on visual soil (and rock) classification
- Groundwater levels observed during and after the completion of drilling
- Site Location and Exploration Plans
- Subsurface exploration procedures

- Description of subsurface conditions
- Earthwork recommendations including site/subgrade preparation
- Slope stability analysis for the slope adjacent to gazebo

In addition to an emailed report, your project will also be delivered using our **Client Portal**. Upon initiation, we provide you and your design team the necessary link and password to access the website (if not previously registered). Each project includes a calendar to track the schedule, an interactive site map, a listing of team members, access to the project documents as they are uploaded to the site, and a collaboration portal. We welcome the opportunity to have project kickoff conversations with the team to discuss key elements of the project and demonstrate features of the portal. The typical delivery process includes the following:

- Project Planning – Proposal information, schedule and anticipated exploration plan
- Site Characterization – Findings of the site exploration and laboratory results
- Geotechnical Engineering Report

When services are complete, we upload a printable version of our completed Geotechnical Engineering report, including the professional engineer's seal and signature, which documents our services. Previous submittals, collaboration, and the report are maintained in our system. This allows future reference and integration into subsequent aspects of our services as the project goes through final design and construction.

Additional Services

In addition to the previously noted services, the following are often associated with geotechnical engineering services. Fees for services previously noted do not include the following:

Perform Environmental Assessments: Our Scope for this project does not include, either specifically or by implication, an environmental assessment of the site intended to identify or quantify potential site contaminants. If the client/owner is concerned about the potential for such conditions, an environmental site assessment should be conducted. We can provide a proposal for an environmental assessment, if desired.

Review of Plans and Specifications: Our geotechnical report and associated verbal and written communications will be used by others in the design team to develop plans and specifications for construction. Review of project plans and specifications is a vital part of our geotechnical engineering services. This consists of review of project plans and specifications related to site preparation, foundation, and pavement construction. Our review will include a written statement conveying our opinions relating to the plans and specifications' consistency with our geotechnical engineering recommendations.

Observation and Testing of Pertinent Construction Materials: Development of our geotechnical engineering recommendations and report relies on an interpretation of soil conditions. Our assessment is based on widely spaced exploration locations and the assumption that construction methods will be performed in a manner sufficient to meet our expectations and consistent with recommendations made at the time the geotechnical engineering report is issued. We should be retained to conduct construction observations, and perform/document associated materials testing, for site preparation, foundation, and pavement construction. These services allow a more comprehensive understanding of subsurface conditions and necessary documentation of construction to confirm and/or modify (when necessary) the assumptions and recommendations made by our engineers.

Other: Add other services as appropriate such as Geophysical Services, etc.

Exhibit C - Compensation and Project Schedule

Compensation

Based upon our understanding of the site, the project as summarized in Exhibit A, and our planned Scope of Services outlined in Exhibit B, our base fee is shown in the following table:

Description	Rate	Quantity	Units	Fee
Engineer – Senior (15+ years)	$245.22	4	hours	$980.88
Engineer – Design (5 to 10 years)	$166.04	16	hours	$2,656.64
Engineer-in-Training	$143.05	2	hours	$286.1
Engineering Technician (5 to 15 years)	$129.42	14	hours	$1,811.88
Administrative/Clerical	$114.09	2.5	hours	$285.23
Mobilization and Demobilization of Drilling Rig	$600.00	1	lump sum	$600.00
Soil Boring without TCP (<60 ft.)	$38.11	30	foot	$1,143.30
Stand By of Drilling Equipment (Site Cleanup and Patching)	$236.90	1	hours	$236.90
Mileage	$0.70	80	miles	$56.00
Moisture Content Determination	$36.05	6	tests	$216.30
Atterberg Limits Determination (1 pt.)	$77.25	3	tests	$231.75
Minus #200 Sieve	$51.50	2	tests	$103.00
Unconfined Compressive Strength (Soil)	$72.10	3	tests	$216.30
Hydrometer Analysis	$128.75	1	tests	$128.75
				$8,953.03

Additional services not part of the base fee include the following:

Task	Fee	Initial for Authorization
Private Utility Clearance Service (At Boring Locations Only)	$1,250	
Perform Environmental Assessments	TBD	
Post Report Consulting / Review of Plans and Specifications	In accordance with applicable unit fees	
Observation and Testing of Pertinent Construction Materials	TBD	

Our Scope of Services does not include services associated with site clearing, wet ground conditions, tree or shrub clearing, or repair of/damage to existing landscape. If such services are desired by the owner/client, we should be notified so we can adjust our Scope of Services.

Unless instructed otherwise, we will submit our invoice(s) to the address shown at the beginning of this proposal. If conditions are encountered that require Scope of Services revisions and/or result in higher fees, we will contact you for approval, prior to initiating services. A supplemental proposal stating the modified Scope of Services as well as its effect on our fee will be prepared. We will not proceed without your authorization.

Project Schedule

We developed a schedule to complete the Scope of Services based upon our existing availability and understanding of your project schedule. However, our schedule does not account for delays in field exploration beyond our control, such as weather conditions, delays resulting from utility clearance, permit delays, or lack of permission to access the boring locations. In the event the schedule provided is inconsistent with your needs, please contact us so we may consider alternatives.

Delivery on Client Portal	Completion Schedule [1, 2]
Field Exploration	10 to 15 days after notice to proceed
Laboratory Testing	20 to 25 days after notice to proceed
Geotechnical Engineering Report	25 to 30 days after notice to proceed

Delivery on Client Portal	Completion Schedule [1, 2]

1. Upon receipt of your notice to proceed we will activate the schedule component on **Client Portal** with specific, anticipated dates for the delivery points noted as well as other pertinent events.
2. Standard workdays are Monday through Friday and exclude holidays. We will maintain an activities calendar within on **Client Portal**. The schedule will be updated to maintain a current awareness of our plans for delivery.

Exhibit D – Site Location

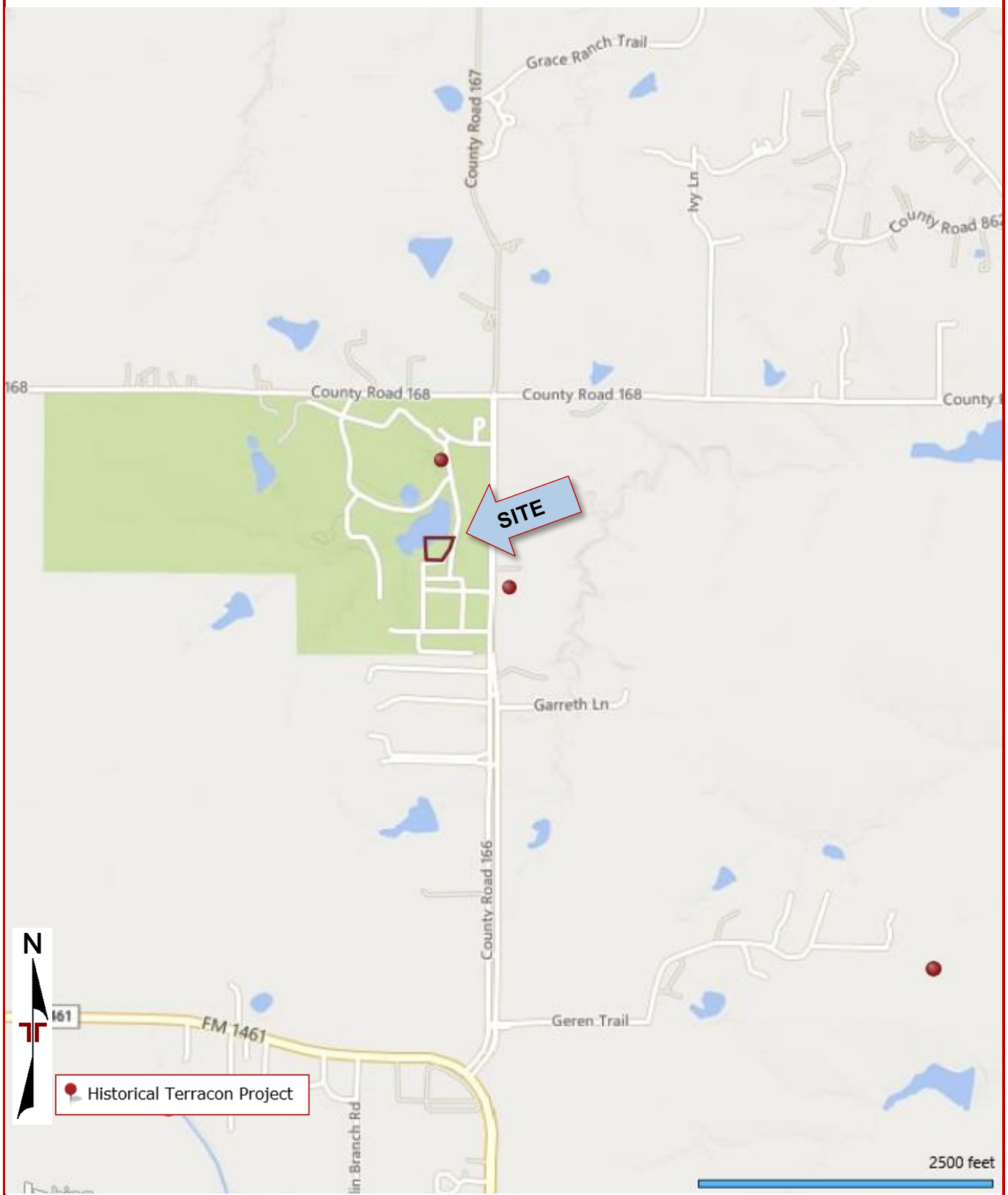
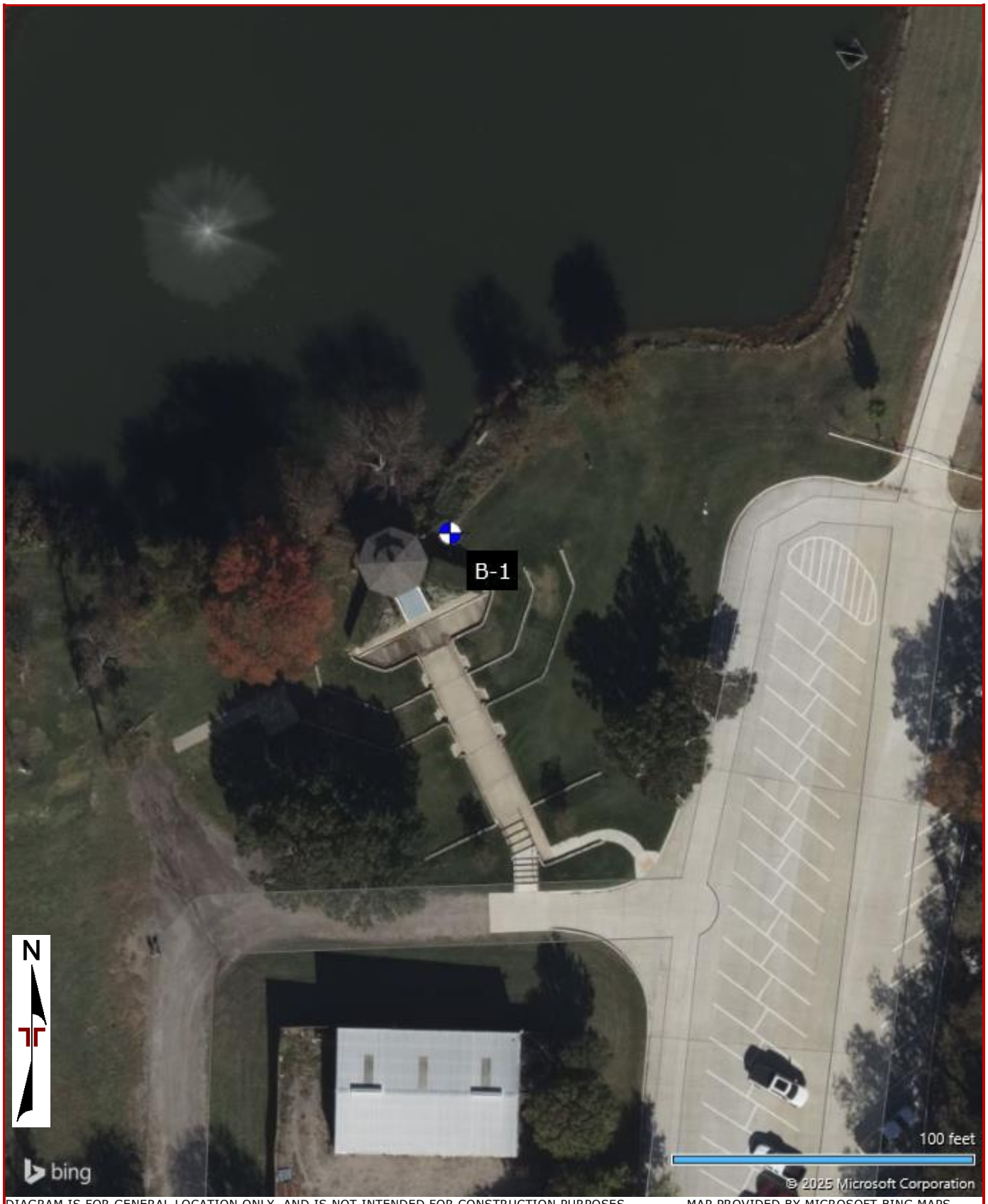


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

MAP PROVIDED BY MICROSOFT BING MAPS

Exhibit E – Anticipated Exploration Plan



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