



ECS Florida, LLC

Preliminary Geotechnical Engineering Report

208 Holdings Riverview Property

Balm Riverview Road and County Road 672,
Balm, Hillsborough County, Florida

ECS Project Number 41:2512

July 10, 2019





ECS FLORIDA, LLC

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Geotechnical • Construction Materials • Environmental • Facilities

July 10, 2019

Mr. Steven Luce
Eisenhower Property Group
111 S Armenia Avenue
Tampa, Florida 33609

ECS Project No. 41:2512

Reference: **Preliminary Geotechnical Engineering Report**
208 Holdings Riverview Property
Balm Riverview Road and County Road 672,
Balm, Hillsborough County, Florida

Dear Mr. Luce:

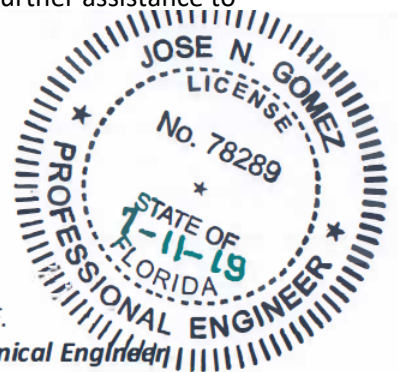
ECS Florida, LLC (ECS) has completed the subsurface exploration, laboratory testing, and preliminary geotechnical engineering analyses for the above-referenced project. Our services were performed in general accordance with ECS Proposal 41-3254-GP, dated May 30, 2019. This report presents our understanding of the geotechnical aspects of the project, the results of the field exploration and laboratory testing conducted, and design and construction aspects. Once the final project layout is completed, additional geotechnical exploration could be required to confirm our foundation recommendations and a final report will be issued.

It has been our pleasure to be of service to Eisenhower Property Group during the design phase of this project. We would appreciate the opportunity to remain involved during the continuation of the design phase, and we would like to provide our services during construction phase operations as well to verify the assumptions of subsurface conditions made for this report. Should you have any questions concerning the information contained in this report, or if we can be of further assistance to you, please contact us.

Respectfully submitted,
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VTD/JNG/smf

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EXECUTIVE SUMMARY

The following summarizes the preliminary main findings of the limited geotechnical subsurface exploration and preliminary analyses, particularly those that may have a cost impact on the planned development. Further, our principal foundation recommendations are summarized. Information gleaned from the executive summary should not be utilized in lieu of reading the entire geotechnical report.

- The limited geotechnical exploration performed for the planned development included 40 soil test borings drilled to the depth of 30 and 35 feet below existing grade.
- Subsurface conditions within the borings generally consisted of an upper loose to medium dense sandy stratum (SP and SP-SM), a medium dense to very dense silty sand stratum (SP-SM and SM), a loose to medium dense sandy stratum (SP and SP-SM), followed by a clayey stratum (CL and SC) extending to the termination depths of the borings.
- We preliminarily estimate that lightly loaded buildings/residential structures can be supported on conventional shallow foundations consisting of column or strip footings bearing on natural soils or approved structural fill with an allowable net bearing capacity on the order of 2,000 psf to 2,500 psf.
- The depth of the subsurface soils suitable for use as structural fill was consistent from current existing grade to approximately 22 feet to 35 feet across the site. Soils excavated from below the water table will likely require moisture conditioning prior to final placement and compaction.
- In general, we consider the site adaptable for a flexible light duty pavement system. Please see Section 5.3.1 for more details.

1.0 INTRODUCTION

1.1 GENERAL

The purpose of this study was to provide preliminary geotechnical information for the development of two parcels identified by Hillsborough County Property Appraisers as Parcel No. U-23-31-20-ZZZ-000003-16970 (46 acre site) and No. U-23-31-20-ZZZ-000003-17020.0 (26 acre site). Based on our review of available aerial photographs the proposed site currently consists of grassed vacant lots. Based on our review of the National Wetlands Survey the southeast corner of the northern parcel contains a wetland area measured to be approximately 1.3 acres.

The recommendations developed for this preliminary report are based on project information supplied by your office. This report contains the results of our subsurface exploration and laboratory testing programs, site characterization, results of engineering analyses, and preliminary recommendations for the design and construction of the planned development. Once the final project layout and final structural loading is provided, additional geotechnical exploration could be required to finalize our geotechnical report.

1.2 SCOPE OF SERVICES

To obtain the necessary geotechnical information required for the preliminary design of the proposed development, soil test borings were performed at locations selected and located by ECS.

This preliminary report discusses our exploratory and testing procedures, presents our findings and evaluations and includes the following geotechnical aspects.

- A brief review and description of our field and laboratory test procedures and the results of testing conducted.
- A review of surface topographical features and site conditions.
- A review of area and site geologic conditions.
- A review of subsurface soil stratigraphy with pertinent available physical properties.
- Final copies of our soil test borings.
- Recommendations for site preparation and construction of compacted fills, including an evaluation of on-site soils for use as compacted fills and delineation of potentially unsuitable soils and/or soils exhibiting excessive moisture at the time of sampling.
- Preliminary foundation recommendations.
- Preliminary stormwater parameter recommendations.
- Recommendations on pavement sections.

1.3 AUTHORIZATION

Our services were provided in accordance with our ECS Proposal 41-3254-GP, dated May 30, 2019, including our Terms and Conditions of Service, as authorized by Eisenhower Property Group on June 4, 2019.

2.0 PROJECT INFORMATION

2.1 PROJECT LOCATION

The site is located directly south of the intersection of Balm Road and Balm Riverview Road in Riverview, Hillsborough County, Florida as shown below in Figure 2.1.1, below. The site is bound to the south and west by farm lands and grassed lots, and to the north and east by Balm Road.



Figure 2.1.1. Site Location

2.2 SITE HISTORY / PAST USES

ECS reviewed aerial photographs of the subject property and immediate surrounding properties on Google Earth. The aerial photographs reviewed were dated 1995, 1999, 2002, 2004 through 2010, and 2012 through 2019.

Based on our review of the available historical aerial photographs, both parcels of land previously consisted of farmlands. Little to no changes were observed within the site during this time.

2.3 CURRENT SITE CONDITIONS

Based on our review of available street-views and site visits, the proposed site is currently vacant farmland with a wetland. The wetland is measured to be approximately 1.3 acres and is located in the southeast corner of the northern parcel. Ground surface elevations noted on our boring logs were interpolated from published topographic information and should not be used for site design purposes. No site-specific survey was performed for this project.

2.4 PROPOSED CONSTRUCTION

Based on the information provided to us, we understand the project is likely to consist of single-family residences with associated parking and drive areas. A site layout was not available at the time this preliminary report was completed.

2.4.1 Structural Information/Loads

The following design values explain our understanding of the structures and their assumed structural loads:

Table 2.4.1.1 Building Design Values

SUBJECT	DESIGN INFORMATION / EXPECTATIONS
Construction	Assumed single-family housing
# of Stories	One-story and two-story residences (assumed)
Framing	We anticipate the buildings will be principally wood framing or concrete masonry unit (CMU) walls
Column Loads *	Assumed 30 kips (Full Dead and Factored Live) maximum
Wall Loads *	Assumed three kips per linear foot (klf) maximum

*If assumed loads differ from final design loads, this preliminary report needs to be revised accordingly to recalculate bearing capacity and estimate actual settlements, and additional geotechnical exploration.

3.0 FIELD EXPLORATION

3.1 FIELD EXPLORATION PROGRAM

The field exploration was planned with the objective of characterizing the project site in general geotechnical and geological terms and to evaluate subsequent field and laboratory data to assist in the determination of geotechnical recommendations.

3.1.1 Test Borings

The subsurface conditions were explored by drilling 40 soil test borings, referenced herein as B-1 through B-40 drilled in scattered areas across the site. Soil test borings were extended to depths on the order of 30 and 35 feet below current site grades. An all-terrain vehicle (ATV)-mounted drill rig was utilized to drill the soil test borings. Subsurface explorations were completed under the general supervision of an ECS geotechnical engineer.

Boring locations were located in the field by ECS personnel using GPS techniques or by taping from existing features prior to mobilization of our drilling equipment. The approximate as-drilled boring locations are shown on the Boring Location Diagrams, Sheet 2 of 3 and Sheet 3 of 3, located in Appendix A. Ground surface elevations noted on our boring logs were interpolated from published topographic information. No site survey was performed.

Standard penetration tests (SPTs) were conducted in the borings at regular intervals in general accordance with ASTM D 1586. Small representative samples were obtained during these tests and were used to classify the soils encountered. The standard penetration resistances obtained to provide a general indication of soil shear strength and compressibility.

3.2 REGIONAL/SITE GEOLOGY

Western Central Florida geologic conditions can generally be described in term of three basic sedimentary layers. The near-surface layer is primarily composed of sands containing varying amounts of silt and clay fines. These sands are underlain by a layer of clay, clayey sand, phosphate, and limestone which are locally referred to as the "Hawthorn Group." The third layer underlies the "Hawthorn Group" and is composed of limestone. The thickness of these three strata varies throughout Central Florida. In general, the surficial sands typically extend to depths of 40 to 70 feet while the "Hawthorn Group" ranges from nearly absent in some locations to thicknesses greater than 100 feet. The limestone formation may be several thousand feet thick.

The groundwater hydrogeology of Western Central Florida can be described in terms of the nature and relationship of the three basic geologic strata. The near-surface sand stratum is fairly permeable and comprises the water table (unconfined) aquifer. The deep limestone formation of the Floridan aquifer is highly permeable due to the presence of large interconnected channels and cavities throughout the rock. The Floridan aquifer is the primary source of drinking water in Central Florida. These two permeable strata are separated by the relatively low permeability clays in the "Hawthorn Group." The amount of groundwater flow between the two aquifer systems is dependent on the thickness and consistency of the Hawthorn clay confining beds which, as previously stated, varies widely throughout Western Central Florida.

The following table below describes the generalized stratigraphic column of the general local geology and subsurface materials that may be associated with the geologic units also shown:

Table 3.2.1 Local Geology	
Geologic Formation	Subsurface Materials
<u>Undifferentiated Sediments</u>	These sediments are buff colored to tan, unconsolidated to poorly consolidated, fossiliferous carbonate muds. Sand, silt, and clay may be present in limited quantities. These carbonates often contain organics.

Geologic Formation details for Table 3.2.1 obtained from the Florida Department of Environmental Protection website, http://www.dep.state.fl.us/geology/gisdatamaps/state_geo_map.htm

The following Figure 3.2.1 presents the regional geological map and approximate site location.

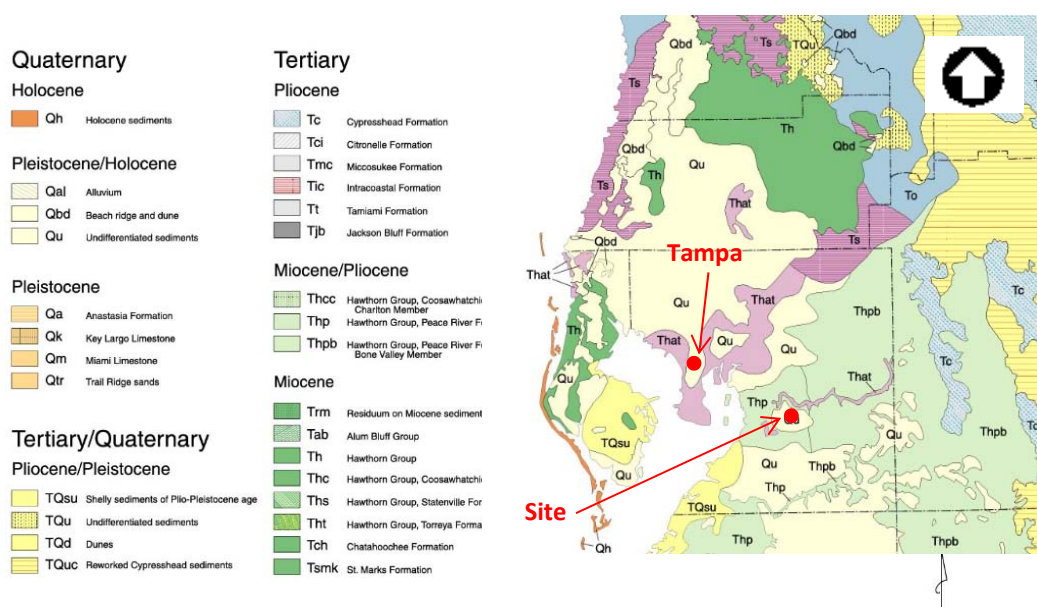


Figure 3.2.1 General Site Vicinity Geological Map

Geologic map for Figure 3.2.1 obtained from the Florida Department of Environmental Protection website, http://www.dep.state.fl.us/geology/gisdatamaps/state_geo_map.htm

3.3 SOIL SURVEY MAPPING

Based on the Soil Survey for Hillsborough County, Florida by the US Department of Agriculture Soil Conservation Service (USDA) the predominant predevelopment soil type at the site is identified and a summary of characteristics of this soil series is included below.

Table 3.3.1 Soil Survey

Soil Type	Constituents	Drainage Class	Water Table
29 – Myakka fine sand, 0 to 2 percent slopes	Fine sand	Poorly drained	About 6 to 18 inches
33 – Ona fine sand, 0 to 2 percent slopes	Fine sand	Poorly drained	About 6 to 18 inches
47 - Seffner fine sand, 0 to 2 percent slopes	Fine sand	Somewhat poorly drained	About 18 to 42 inches

Soil mapping of the site vicinity is presented in Figure 3.3.1 below, obtained from the USDA Web Soil Survey.



Figure 3.3.1: Site Soil Survey

3.4 SUBSURFACE CHARACTERIZATION

The subsurface conditions encountered were generally consistent with published geological mapping. The table below shows the general subsurface stratigraphy of the project site based on the soils that were encountered within the borings. The following sections provide generalized characterizations of the soil strata encountered during our subsurface exploration. For subsurface information at a specific location, refer to the Boring Logs and Cross Sections A-A' through E-E' located in Appendix B.

Table 3.4.1 Subsurface Stratigraphy

Approximate Depth Range (ft)	Approximate Elevation (ft) ⁽¹⁾	Stratum	Description	Ranges of SPT ⁽²⁾ N-values (bpf)
0-5 ft	EL. +125' to EL. +120'	I - Sandy Soils	(SP) Fine sand and (SP-SM) fine sand with silt, very loose to medium dense	2 to 17
5-22 ft	EL. +120' to EL. +103'	II – Dense Silty Soils	(SP-SM) fine sand with silt and (SM) silty sand, loose to very dense	6 to 50/3
22-28 ft	EL. +103' to EL. +97'	III – Sandy Soils	(SP) Fine sand and (SP-SM) fine sand with silt, loose to medium dense	5 to 12
28-35 ft	EL. +97' to EL.+90'	IV – Clayey Soils	(SP-SC) Fine sand with clay, (CL) Sandy lean clay to Lean Clay with Sand, and (SC) clayey fine sand,	4 to 22

Notes: (1) Please note that the ground surface elevations were not surveyed by a licensed surveyor; these elevations are approximate based on Google-Earth; therefore, elevations described in this preliminary report may not be relied upon for site design. Elevations and depth should above should be considered average.

(2) Standard Penetration Test.

3.5 GROUNDWATER OBSERVATIONS

Water levels were measured in our borings as noted on the soil boring logs included in Appendix B. Groundwater depth at the time of drilling was encountered at depths on the order of three to five feet below current site grades. Variations in the long-term water table may occur as a result of changes in precipitation, evaporation, surface water runoff, construction activities, and other factors. The groundwater will fluctuate seasonally depending upon local rainfall. The rainy season in Florida is normally between June and September. Based upon our site-specific field data, our review of the USDA Soils Survey of Hillsborough County and the USGS topographic map of the area the expected regional hydrogeology and our experience in the area, we estimate the seasonal high groundwater levels at the boring locations to be approximately 18 inches above the encountered groundwater depth. The contractor should determine actual groundwater conditions prior to construction to evaluate their impact on the work. We have also included a table of water table readings and approximate elevations for the seasonal high water table included in Appendix C.

4.0 LABORATORY TESTING

The laboratory testing performed by ECS for this project consisted of selected tests performed on samples obtained during our field exploration operations. Classification and soil property tests were performed on representative soil samples obtained from the test borings in order to aid in classifying soils according to the Unified Soil Classification System and to quantify and correlate engineering properties. Laboratory tests performed on selected samples included grain size analysis tests and moisture content tests.

An experienced geotechnical engineer visually classified each soil sample from the test borings on the basis of texture and plasticity in accordance with the Unified Soil Classification System (USCS) and ASTM D-2488 (Description and Identification of Soils-Visual/Manual Procedures). After classification, the geotechnical engineer grouped the various soil types into the major zones noted on the boring logs located in Appendix B. The group symbols for each soil type are indicated in parentheses before the soil descriptions on the boring logs. The stratification lines designating the interfaces between earth materials on the boring logs are approximate; in situ, the transitions may be gradual.

5.0 PRELIMINARY DESIGN RECOMMENDATIONS

The recommendations presented in this preliminary report are based on the project information provided to us, our assumed structural loads, the results of the limited soil test borings, laboratory testing, and the engineering analyses. Based on the results of the soil borings, our experience with similar projects, it is our judgment that the site is suitable for the proposed development utilizing a foundation system consisting of spread footings for lightly loaded buildings, provided that the subgrade soils have been properly prepared, and the preliminary recommendations herein are followed. Once the final site plan is available, additional soil borings within the proposed building footprints should be performed in order to finalize our foundation recommendations.

If structural loads differ from our assumed loading conditions, ECS should be notified to update our report, verify bearing capacity and our settlement calculations. The following sections provide recommendations for foundation design and soil supported slabs. Additional borings may be needed once the final site plan is provided.

5.1 Preliminary Foundations

Based on our limited soil borings, the materials anticipated at normal footing depths below the proposed floor slabs should consist of sandy soils with fines (SP, SP-SM), with no roots and less than five percent organic content.

Once the final site plan is available, additional soil borings should be performed within the proposed building footprints to provide final foundation recommendations.

No structural information has been provided to us for the proposed development; however, we assumed the structural loads for lightly loaded buildings/residential structures are on the order of 30 kips and three kips/lf for columns and walls or less, respectively. We also assumed that final grades will be within three feet of existing elevations.

Based on our limited soil borings and provided subgrades and structural fills are prepared as discussed herein, the geotechnical analyses of the test boring data indicate that the lightly loaded residential homes may be supported by conventional shallow foundations consisting of individual column footings and continuous wall footings using a net allowable bearing pressure on the order of 2,000 psf to 2,500 psf.

5.2 STORMWATER MANAGEMENT AREAS

For proposed stormwater management areas we recommend, based on the encountered soils, the sideslopes of the pond embankments be no steeper than 2.5H: 1V. The embankments should be prepared in accordance with the recommendations in the sections entitled Subgrade Preparation and Earthwork Operations and Fill Placement.

Based on the borings performed during our limited exploration, please refer to the table below for estimated excavation depths in regards to soil suitability. It should be noted that due to the very dense soils encountered in Stratum II, excavation efforts may become more difficult, please refer to the subsurface profiles located in Appendix B.

Table 5.2.1 Soil Suitability Estimated Excavation Depths

Boring Designation	Estimated Excavation Depth (ft.)	Boring Designation	Estimated Excavation Depth (ft.)
B-1	33	B-21	27
B-2	33	B-22	33
B-3	33	B-23	33
B-4	33	B-24	27
B-5	33	B-25	27
B-6	35+	B-26	27
B-7	33	B-27	27
B-8	33	B-28	27
B-9	33	B-29	27
B-10	33	B-30	27
B-11	35+	B-31	27
B-12	33	B-32	27
B-13	33	B-33	27
B-14	35+	B-34	27
B-15	35+	B-35	27
B-16	27	B-36	27
B-17	33	B-37	27
B-18	33	B-38	22
B-19	33	B-39	27
B-20	33	B-40	22

Please refer to "Borrow Suitability" below for handling soils. If SC/SM soils are to be used as structural fill, they will require additional moisture conditioning and the contractor must be experienced in placing and compacting moisture sensitive soils to reach appropriate compaction.

5.3 SITE DESIGN CONSIDERATIONS

5.3.1 Pavement Sections

General Recommendations: Our scope of services did not include extensive sampling and LBR testing of existing subgrade or potential sources of imported fill for the specific purpose of a detailed pavement analysis. Instead, we have assumed pavement-related design parameters that are considered to be typical for the area soil types. The recommended pavement thicknesses presented in this preliminary report section are considered typical and minimum for the assumed

parameters in the general site area. We understand that budgetary considerations sometimes warrant thinner pavement sections than those presented. However, the client, the owner, and the project designers should be aware that thinner pavement sections may result in increased maintenance costs and lower than anticipated pavement life. We recommend the following pavement section designs:

Table 5.2.1.1 Pavement Structures Sections

	Asphalt	Concrete
Component	Light Duty	Light Duty
Stabilized Subgrade	12"	-
Base Course	6"	-
Surface Course	1.5"	5" (concrete)

All pavement subgrades should be prepared in accordance with the recommendations presented in the section entitled Earthwork Operations.

In areas where Portland cement concrete pavement is planned, the concrete should be placed upon a minimum of 12 inches of compacted, free draining material and compacted to 98% of the Modified Proctor maximum dry density (ASTM D-1557).

In areas where asphaltic concrete pavements are used, we suggest stabilizing the subgrade materials to a minimum Florida Bearing Value (FBV) of 75 pounds per square inch (psi). As an alternate for the FBV, materials can have a Limerock Bearing Ratio (LBR) of 40 percent. All stabilized subgrade materials should be compacted to 98 percent of the Modified Proctor (ASTM D-1557) maximum dry density and meet specification requirements for Type B or Type C Stabilized Subgrade by the Florida Department of Transportation (FDOT). The stabilized subgrade may consist of imported material or a blend of on-site soils and imported materials. If a blend is proposed, we recommend that the contractor performs a mix design to find the optimum mix proportions.

Base Course: ECS anticipates that crushed concrete or limerock may be used for this project. Crushed concrete should follow the FDOT specification for material qualifications and placement. The base material (crushed concrete or limerock) should be placed in maximum six-inch lifts and compact to a minimum density of 98 percent of the Modified Proctor maximum dry density according to specification in ASTM D-1557. Compliance testing should be performed for the base course to a depth of one foot at a frequency of one test per 5,000 square feet, or at a minimum of two test locations, whichever is greater.

Effects of Groundwater: One of the most critical influences on the pavement performance in Western Central Florida is the relationship between the pavement subgrade and the seasonal high groundwater level. Many roadways and parking areas have been destroyed as a result of deterioration of the base and the base/surface course bond. We recommend that the seasonal high groundwater and the bottom of the crushed concrete and soil cement base course be separated by at least 12 inches and 18 inches for limerock.

6.0 SITE CONSTRUCTION RECOMMENDATIONS

6.1 SUBGRADE PREPARATION

6.1.1 Subgrade Preparation, Stripping and Grubbing

Initial site preparation should consist of stripping soft or unsuitable material from the proposed site, including trees, organic soils, roots, and roots balls especially in the wetland area. The entire wetland should be properly remediated. Once the wetland has been remediated, the area should be clear of any encountered muck or organic soils. Deep muck pockets may be encountered within this area. Unsuitable material consists of soils with more than five percent organics content or more than 12 percent passing the No. 200 sieve. Any other soft or unsuitable materials should be removed from the 10-foot expanded building and five-foot expanded pavement limits. Additionally, any underground utilities or underground tanks that will not be part of the new construction should be properly capped and abandoned or removed. The subgrade preparation should also consist of complete removal of existing vegetation, including trees, roots, and organic soil.

ECS should be called to verify that topsoil and unsuitable surficial materials have been completely removed prior to the placement of Structural Fill or construction of structures.

6.1.2 Proofrolling

After removing all unsuitable surface materials, and prior to the placement of any structural fill or other construction materials, the exposed subgrade should be examined by the Geotechnical Engineer or authorized representative. The exposed subgrade should be compacted and then thoroughly proofrolled with previously approved construction equipment having a minimum axle load of 10 tons (e.g. fully loaded tandem-axle dump truck). The areas subject to proofrolling should be traversed by the equipment in two perpendicular (orthogonal) directions with overlapping passes of the vehicle under the observation of the Geotechnical Engineer or authorized representative. This procedure is intended to assist in identifying any localized yielding materials. In the event that unstable or “pumping” subgrade is identified by the proofrolling, those areas should be marked for repair prior to the placement of any subsequent structural fill or other construction materials. Methods of repair of unstable subgrade, such as undercutting or moisture conditioning should be discussed with the Geotechnical Engineer to determine the appropriate procedure with regard to the existing conditions causing the instability. A test pit(s) may be excavated to explore the shallow subsurface materials in the area of the instability to help in determining the cause of the observed unstable materials and to assist in the evaluation of the appropriate remedial action to stabilize the subgrade.

6.1.3 Subgrade Stabilization

Subgrade Compaction: Upon completion of subgrade documentation, the exposed subgrade within the 10-foot expanded building limits should be moisture conditioned to within two percentage points of the soil’s optimum moisture content and be compacted with suitable equipment (minimum 10-ton roller) to a depth of 10 inches. Subgrade compaction within the expanded building limits should be to a dry density of at least 98 percent of the Modified Proctor maximum dry density (ASTM D1557). ECS should be called on to document that proper subgrade compaction has been achieved.

Subgrade Compaction Control: The expanded limits of the proposed construction areas should be well defined, including the limits for buildings, pavements, fills, and slopes, etc. Field density testing of subgrades will be performed at frequencies shown in Table 6.1.3.1.

Table 6.1.3.1 Frequency of Subgrade Compaction Testing

Location	Frequency of Tests
Expanded Building Limits	One test per 2,500 sq. ft.
All Other Structural Areas	One test per 10,000 sq. ft.

6.2 EARTHWORK OPERATIONS

6.2.1 Structural Fill Materials

Unsatisfactory Materials: Unsuitable material typically consists of soils with more than five percent organics content or more than 12 percent passing the No. 200 sieve, as well as topsoil and organic materials (OH, OL). In some cases, soils with more than five percent organics content or more than 12 percent passing the No. 200 sieve may be used at depths greater than four feet below pavement subgrades.

Borrow Suitability: The following Engineered/Structural Fill types are recommended for use on this project:

Fine sand (SP) can be utilized as structural and pavement subgrade fill material provided that the natural moisture content is within a desirable range to obtain compaction.

Fine sand with silt (SP-SM) can be utilized as structural and pavement subgrade fill material provided that the natural moisture content is within a desirable range to obtain compaction. It should be noted that due to higher fines content, soil may be more sensitive to moisture and may require more handling.

Clayey fine sand (SC) and silty fine sand (SM) is more difficult to use as fill because they are more moisture sensitive. These soils may be used as structural fill but will require moisture conditioning.

Soils with organic content higher than five percent weight by volume should not be used as structural fill.

It is recommended that all materials to be used for Engineered Fill be analyzed and approved by the Geotechnical Engineer prior to their use on the site.

Subgrade soils disturbed by contractor operations shall be recompacted to the specifications of this preliminary report. Subgrade soils which are excessively wet but otherwise suitable by soil classification (inorganic soil material meeting the specifications above) are not considered unsuitable by definition and shall be moisture conditioned and recompacted.

6.2.2 Compaction

Structural Fill Compaction: Assuming that the organic content of the soils does not exceed 10 percent, structural fill should be placed in loose lifts, which do not exceed 12 inches in thickness, and should be compacted to at least 98 percent of the maximum dry density, as determined by the Modified Proctor Compaction Test (ASTM D-1557) within the lift thickness. Generally, the moisture content of the fill materials should be maintained between two percentage points below to the optimum moisture content for the fill material, as determined by ASTM D-1557. Fill placed in non-structural areas (e.g. grassed areas) should be compacted to at least 90 percent of the maximum dry density according to ASTM D-1557, in order to avoid significant subsidence. ECS should be called on to document that proper fill compaction has been achieved.

6.3 FOUNDATION AND SLAB OBSERVATIONS

Protection of Foundation Excavations: Exposure to the environment may weaken the soils at the footing bearing level if the foundation excavations remain open for too long a time. Therefore, foundation concrete should be placed the same day that excavations are made. If the bearing soils are softened by surface water intrusion or exposure, the softened soils must be removed from the foundation excavation bottom immediately prior to placement of concrete. If the excavation must remain open overnight, or if rainfall becomes imminent while the bearing soils are exposed, a one to three-inch thick “mud mat” of “lean” concrete should be placed on the bearing soils before the placement of reinforcing steel.

Footing Subgrade Observations: Most of the soils at the foundation bearing elevation are anticipated to be suitable for support of the proposed structure. It will be important to have the geotechnical engineer of record observe the foundation subgrade prior to placing foundation concrete, to confirm the bearing soils are what was anticipated. If soft or unsuitable soils are observed at the footing bearing elevations, the unsuitable soils should be undercut and removed. Any undercut should be backfilled with lean concrete ($f'_c \geq 1,000$ psi at 28 days) up to the original design bottom of footing elevation; the original footing shall be constructed on top of the hardened lean concrete.

Slab Subgrade Verification: A representative of ECS should be called on to observe exposed subgrades within the expanded building limits prior to Structural Fill Placement to assure that adequate subgrade preparation has been achieved. A proofrolling using a drum roller or loaded dump truck should be performed in their presence at that time. Once subgrades have been prepared to the satisfaction of ECS, subgrades should be properly compacted and new Structural Fill can be placed. Existing subgrades to a depth of at least 10 inches and all Structural Fill should be moisture conditioned to within $-1/+3$ percentage points of optimum moisture content then be compacted to the required density. If there will be a significant time lag between the site grading work and final grading of concrete slab areas prior to the placement of the subbase stone and concrete, a representative of ECS should be called on to verify the condition of the prepared subgrade. Prior to final slab construction, the subgrade may require scarification, moisture conditioning, and re-compaction to restore stable conditions.

6.4 UTILITY INSTALLATIONS

Utility Subgrades: The soils encountered in our exploration are expected to be generally suitable for support of utility pipes. The pipe subgrade should be observed and probed for stability by ECS to evaluate the suitability of the materials encountered. Any loose or unsuitable materials

encountered at the utility pipe subgrade elevation should be removed and replaced with suitable compacted Structural Fill or pipe bedding material.

Utility Backfilling: The granular bedding material should be at least 4 inches thick, but not less than that specified by the project drawings and specifications. Fill placed for support of the utilities, as well as backfill over the utilities, should satisfy the requirements for Structural Fill given in this preliminary report. Compacted backfill should be free of topsoil, roots, ice, or any other material designated by ECS as unsuitable. The backfill should be moisture conditioned, placed, and compacted in accordance with the recommendations of this preliminary report.

Excavation Safety: All excavations and slopes should be made and maintained in accordance with OSHA excavation safety standards. The contractor is solely responsible for designing and constructing stable, temporary excavations and slopes and should shore, slope, or bench the sides of the excavations and slopes as required to maintain stability of both the excavation sides and bottom. The contractor's responsible person, as defined in 29 CFR Part 1926, should evaluate the soil exposed in the excavations as part of the contractor's safety procedures. In no case should slope height, slope inclination, or excavation depth, including utility trench excavation depth, exceed those specified in local, state, and federal safety regulations. ECS is providing this information solely as a service to our client. ECS is not assuming responsibility for construction site safety or the contractor's activities; such responsibility is not being implied and should not be inferred.

7.0 CLOSING

ECS has prepared this preliminary report of findings, evaluations, and recommendations to guide geotechnical-related design and construction aspects of the project. Once the final project layout is completed, additional geotechnical exploration could be required to confirm our foundation recommendations and to prepare the final report accordingly.

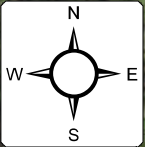
If any of this information is inaccurate, either due to our interpretation of the documents provided or site or design changes that may occur later once project layout is completed, such as our assumed structural loads, ECS should be contacted immediately in order that we can review the preliminary report in light of the changes and provide additional or alternate recommendations as may be required to reflect the proposed construction.

We recommend that ECS be allowed to review the project's plans and specifications pertaining to our work so that we may ascertain consistency of those plans/specifications with the intent of the geotechnical report.

Field observations, monitoring, and quality assurance testing during earthwork and foundation installation are an extension of and integral to the geotechnical design recommendation. We recommend that the owner retains these quality assurance services and that ECS be allowed to continue our involvement throughout these critical phases of construction to provide general consultation as issues arise. ECS is not responsible for the conclusions, opinions, or recommendations of others based on the data in this preliminary report.

APPENDIX A – Drawings & Reports

Site Location Diagram
Boring Location Diagram



Site Location Diagram

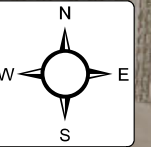
EISENHOWER PROPERTY GROUP



208 HOLDINGS RIVERVIEW
PROPERTY

BALM RIVERVIEW ROAD AND COUNTY ROAD 672, BALM,
FLORIDA

ENGINEER
VTD
SCALE
1" = 600'
PROJECT NO.
41:2512
SHEET
1 OF 3
DATE
7/3/2019



Legend
Approximate boring locations -

Boring Location Diagram North

EISENHOWER PROPERTY GROUP

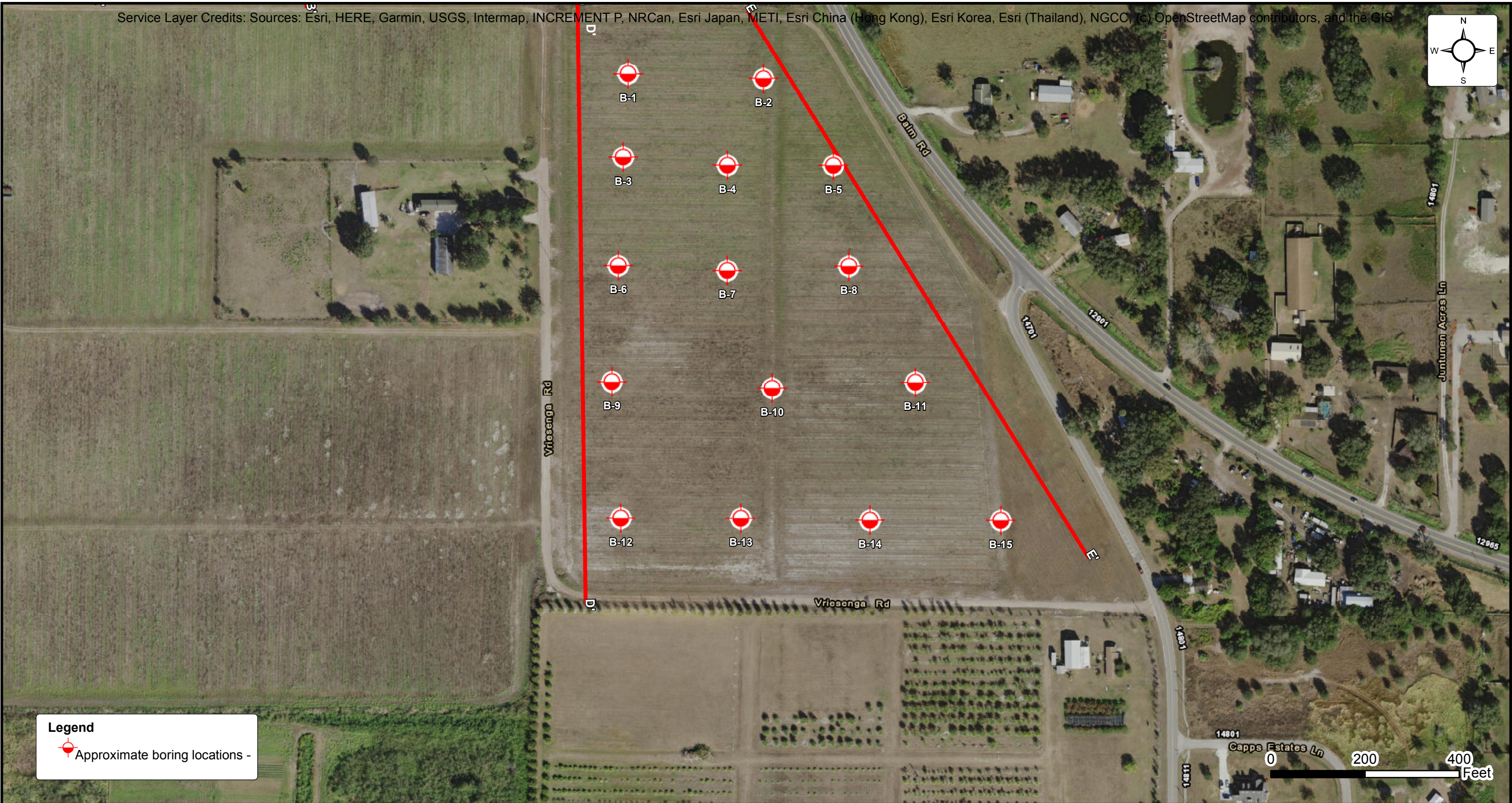


208 HOLDINGS RIVERVIEW PROPERTY


BALM RIVERVIEW ROAD AND COUNTY ROAD 672, BALM, FLORIDA

ENGINEER
VTD
SCALE
1" = 200'
PROJECT NO.
41:2512
SHEET
2 OF 3
7/3/2019

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS



Legend

 Approximate boring locations -

Boring Location Diagram South

EISENHOWER PROPERTY GROUP



**208 HOLDINGS RIVERVIEW
PROPERTY**

**BALM RIVERVIEW ROAD AND COUNTY ROAD 672, BALM,
FLORIDA**

ENGINEER
VTD
SCALE
1" = 200'
PROJECT NO.
41:2512
SHEET
3 OF 3
7/3/2019

APPENDIX B – Field Operations

Reference Notes for Boring Logs

Boring Logs B-1 through B-40

Subsurface Soil Cross Section A-A', B-B', C-C', D-D', and E-E'



REFERENCE NOTES FOR BORING LOGS

MATERIAL ^{1,2}	
	ASPHALT
	CONCRETE
	GRAVEL
	TOPSOIL
	VOID
	BRICK
	AGGREGATE BASE COURSE
	FILL³ MAN-PLACED SOILS
	GW WELL-GRADED GRAVEL gravel-sand mixtures, little or no fines
	GP POORLY-GRADED GRAVEL gravel-sand mixtures, little or no fines
	GM SILTY GRAVEL gravel-sand-silt mixtures
	GC CLAYEY GRAVEL gravel-sand-clay mixtures
	SW WELL-GRADED SAND gravelly sand, little or no fines
	SP POORLY-GRADED SAND gravelly sand, little or no fines
	SM SILTY SAND sand-silt mixtures
	SC CLAYEY SAND sand-clay mixtures
	ML SILT non-plastic to medium plasticity
	MH ELASTIC SILT high plasticity
	CL LEAN CLAY low to medium plasticity
	CH FAT CLAY high plasticity
	OL ORGANIC SILT or CLAY non-plastic to low plasticity
	OH ORGANIC SILT or CLAY high plasticity
	PT PEAT highly organic soils

DRILLING SAMPLING SYMBOLS & ABBREVIATIONS			
SS	Split Spoon Sampler	PM	Pressuremeter Test
ST	Shelby Tube Sampler	RD	Rock Bit Drilling
WS	Wash Sample	RC	Rock Core, NX, BX, AX
BS	Bulk Sample of Cuttings	REC	Rock Sample Recovery %
PA	Power Auger (no sample)	RQD	Rock Quality Designation %
HSA	Hollow Stem Auger		

PARTICLE SIZE IDENTIFICATION		
DESIGNATION	PARTICLE SIZES	
Boulders	12 inches (300 mm) or larger	
Cobbles	3 inches to 12 inches (75 mm to 300 mm)	
Gravel:	Coarse	¾ inch to 3 inches (19 mm to 75 mm)
	Fine	4.75 mm to 19 mm (No. 4 sieve to ¾ inch)
Sand:	Coarse	2.00 mm to 4.75 mm (No. 10 to No. 4 sieve)
	Medium	0.425 mm to 2.00 mm (No. 40 to No. 10 sieve)
	Fine	0.074 mm to 0.425 mm (No. 200 to No. 40 sieve)
Silt & Clay ("Fines")	<0.074 mm (smaller than a No. 200 sieve)	

COHESIVE SILTS & CLAYS		
UNCONFINED COMPRESSIVE STRENGTH, Q_p ⁴	SPT ⁵ (BPF)	CONSISTENCY ⁷ (COHESIVE)
<0.25	<3	Very Soft
0.25 - <0.50	3 - 4	Soft
0.50 - <1.00	5 - 8	Medium Stiff
1.00 - <2.00	9 - 15	Stiff
2.00 - <4.00	16 - 30	Very Stiff
4.00 - 8.00	31 - 50	Hard
>8.00	>50	Very Hard

RELATIVE AMOUNT ⁷	COARSE GRAINED (%) ⁸	FINE GRAINED (%) ⁸
Trace	≤5	≤5
Dual Symbol (ex: SW-SM)	10	10
With	15 - 20	15 - 25
Adjective (ex: "Silty")	≥25	≥30

GRAVELS, SANDS & NON-COHESIVE SILTS	
SPT ⁵	DENSITY
<5	Very Loose
5 - 10	Loose
11 - 30	Medium Dense
31 - 50	Dense
>50	Very Dense

WATER LEVELS ⁶		
	WL	Water Level (WS)(WD) (WS) While Sampling (WD) While Drilling
	SHW	Seasonal High WT
	ACR	After Casing Removal
	SWT	Stabilized Water Table
	DCI	Dry Cave-In
	WCI	Wet Cave-In

¹Classifications and symbols per ASTM D 2488-09 (Visual-Manual Procedure) unless noted otherwise.

²To be consistent with general practice, "POORLY GRADED" has been removed from GP, GP-GM, GP-GC, SP, SP-SM, SP-SC soil types on the boring logs.

³Non-ASTM designations are included in soil descriptions and symbols along with ASTM symbol [Ex: (SM-FILL)].

⁴Typically estimated via pocket penetrometer or Torvane shear test and expressed in tons per square foot (tsf).

⁵Standard Penetration Test (SPT) refers to the number of hammer blows (blow count) of a 140 lb. hammer falling 30 inches on a 2 inch OD split spoon sampler required to drive the sampler 12 inches (ASTM D 1586). "N-value" is another term for "blow count" and is expressed in blows per foot (bpf).

⁶The water levels are those levels actually measured in the borehole at the times indicated by the symbol. The measurements are relatively reliable when augering, without adding fluids, in granular soils. In clay and cohesive silts, the determination of water levels may require several days for the water level to stabilize. In such cases, additional methods of measurement are generally employed.

⁷Minor deviation from ASTM D 2488-09 Note 16.

⁸Percentages are estimated to the nearest 5% per ASTM D 2488-09.

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-1		SHEET 1 OF 2		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING					EASTING					STATION				
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DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION			
					SURFACE ELEVATION 124 feet (Approx.)			

0	S-1	SS	24	24	(SP) FINE SAND, light brown to tan, moist to wet, very loose to loose	120	2
	S-2	SS	24	18			
5	S-3	SS	24	24	(SP-SM) FINE TO MEDIUM SAND WITH SILT, light gray, wet, very loose		
	S-4	SS	24	18	(SP-SM) FINE SAND WITH SILT, black to dark brown, wet, very loose to loose		
	S-5	SS	24	18			
10							
	S-6	SS	18	9	(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark brown, wet, medium dense to dense	110	9
15							
	S-7	SS	18	9		105	9
20							
	S-8	SS	18	14	(SP-SM) FINE TO MEDIUM SAND WITH SILT, grayish brown, wet, loose	100	5
25							
	S-9	SS	18	5	(SP) FINE TO MEDIUM SAND, brown, wet, loose	95	2
30							

CALIBRATED PENETROMETER TONS/FT²
 ROCK QUALITY DESIGNATION & RECOVERY
 RQD% - - - REC% _____
 PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%
 STANDARD PENETRATION BLOWS/FT


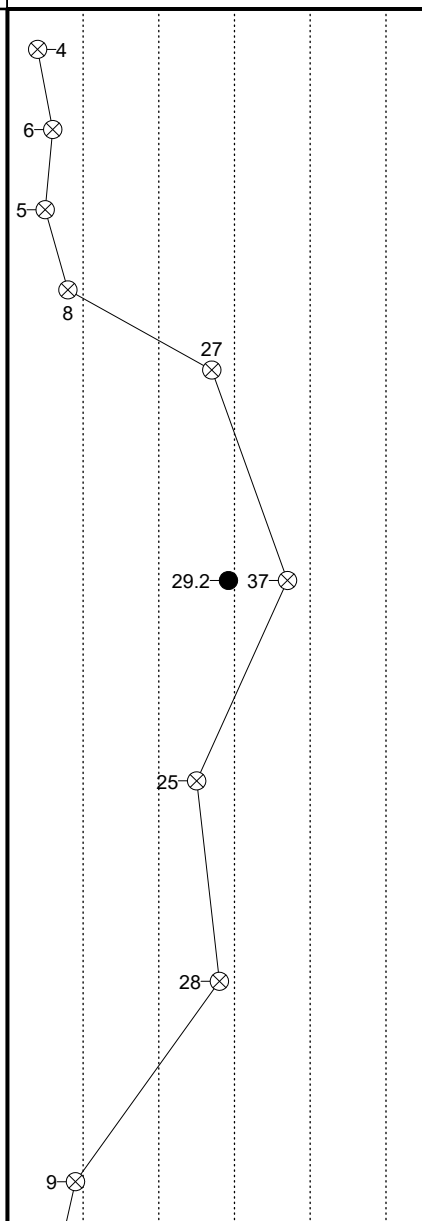
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WL(SHW) WL(ACR)		BORING COMPLETED 06/19/19		HAMMER TYPE Auto	
WL		RIG ATV FOREMAN Matt C.		DRILLING METHOD Mud Rotary	

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-1		SHEET 2 OF 2		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING EASTING STATION					CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% _____ PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% STANDARD PENETRATION BLOWS/FT				
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION				
					SURFACE ELEVATION 124 feet (Approx.)				
35	S-10	SS	18	9	(SP) FINE TO MEDIUM SAND, brown, wet, loose (SP-SC) FINE TO MEDIUM SAND WITH CLAY, gray, wet, medium dense, with phosphate fragments.	 		90	4 7 8
40					END OF BORING @ 35'				
45									
50									
55									
60									

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.									
WL 4 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>			BORING STARTED 06/19/19			CAVE IN DEPTH			
WL(SHW) WL(ACR)			BORING COMPLETED 06/19/19			HAMMER TYPE Auto			
WL			RIG ATV FOREMAN Matt C.			DRILLING METHOD Mud Rotary			

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WL				RIG ATV FOREMAN Matt C.		DRILLING METHOD Mud Rotary																																																																																																																																																																																																																																																																																																					

[illegible]

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-3		SHEET 1 OF 2		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING					EASTING					STATION					—○— CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% — — — REC% — — — PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% X ————— ● ————— △ ⊗ STANDARD PENETRATION BLOWS/FT				

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING	LOSS OF CIRCULATION		
					SURFACE ELEVATION 123 feet (Approx.)			
0					Topsoil Thickness [1.00"]			
	S-1	SS	24	18	(SP) FINE SAND, tan to light brownish gray, moist, loose			2
	S-2	SS	24	24			120	3
5	S-3	SS	24	24	(SP-SM) FINE TO MEDIUM SAND WITH SILT, grayish white, moist to wet, very loose			3
	S-4	SS	24	24	(SP) FINE SAND, trace silt, grayish brown, wet, loose to medium dense		115	1
	S-5	SS	24	12				1
10							110	2
	S-6	SS	18	18	(SP) FINE SAND, grayish brown, wet, loose			5
15							105	8
	S-7	SS	18	9	(SP) FINE TO MEDIUM SAND, trace silt, brown, wet, medium dense			10
20							100	5
	S-8	SS	18	14	(SP-SM) FINE TO MEDIUM SAND WITH SILT, brownish gray, wet, medium dense			6
25							95	5
	S-9	SS	18	9	(SP) FINE TO MEDIUM SAND, light gray, wet, loose			6
30								2

5-
6-
-2
14
10-
10-
18-
13-
5-

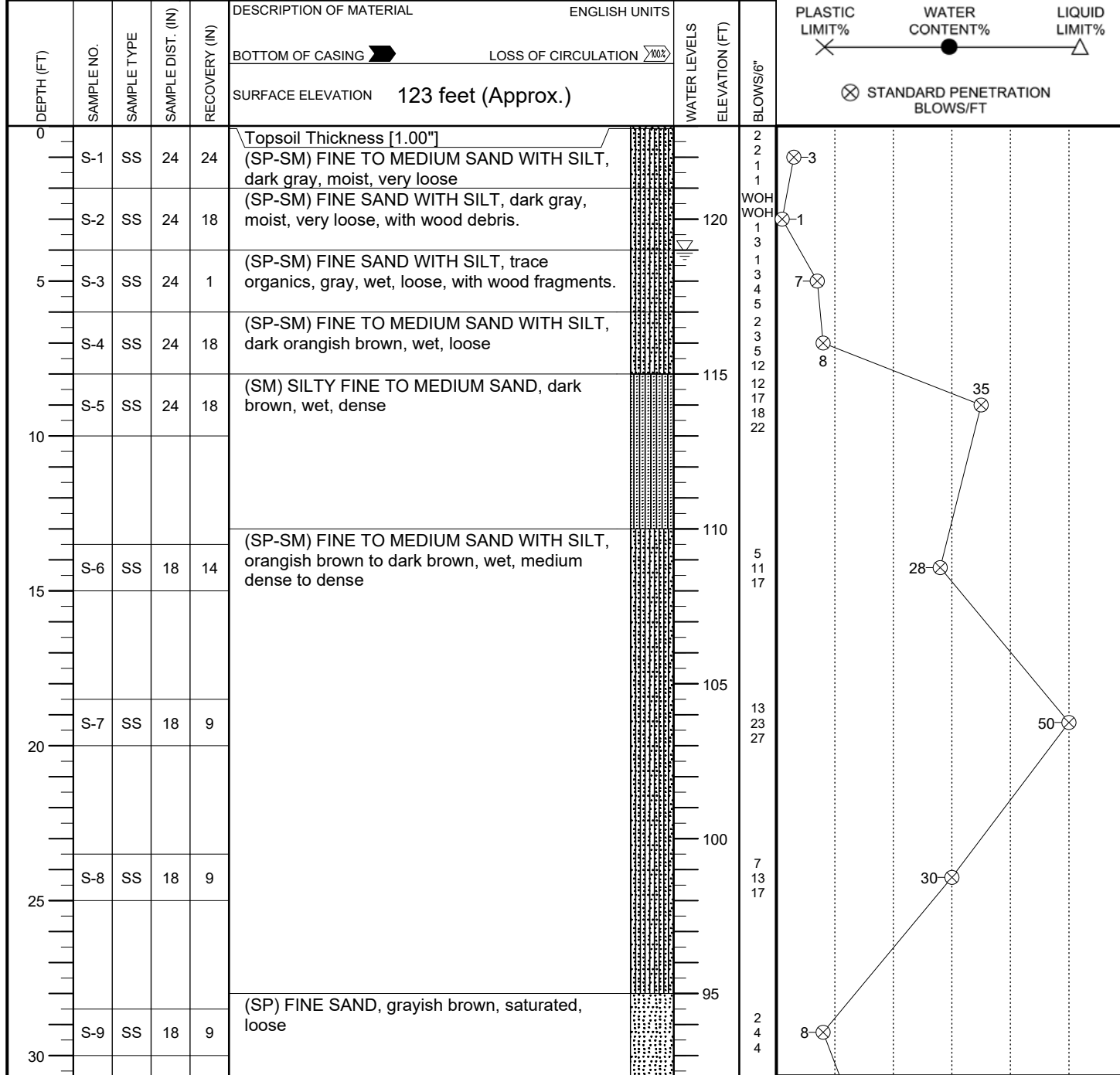
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THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.					
WL 5 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/19/19		CAVE IN DEPTH	
WL(SHW) WL(ACR)		BORING COMPLETED 06/19/19		HAMMER TYPE Auto	
WL		RIG ATV FOREMAN Matt C.		DRILLING METHOD Mud Rotary	

[illegible]

CLIENT Eisenhower Property Group	Job #: 41:2512	BORING # B-4	SHEET 1 OF 2	
PROJECT NAME 208 Holdings Riverview Property		ARCHITECT-ENGINEER		
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL				

NORTHING	EASTING	STATION	
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○ CALIBRATED PENETROMETER TONS/FT²

ROCK QUALITY DESIGNATION & RECOVERY
RQD% - - - REC% - - -

PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%

⊗ STANDARD PENETRATION BLOWS/FT

CONTINUED ON NEXT PAGE.

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.					
WL 4	WS <input type="checkbox"/>	WD <input checked="" type="checkbox"/>	BORING STARTED	06/20/19	CAVE IN DEPTH
WL(SHW)	WL(ACR)		BORING COMPLETED	06/20/19	HAMMER TYPE Auto
WL			RIG ATV	FOREMAN Matt C.	DRILLING METHOD Mud Rotary

[illegible]

[illegible]

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-5		SHEET 2 OF 2		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING EASTING STATION					—○— CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% — — — REC% ——— PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% X ————— ● ————— △ ⊗ STANDARD PENETRATION BLOWS/FT				
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION				
					SURFACE ELEVATION 125 feet (Approx.)				
35	S-10	SS	18	9	(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark brown, wet, loose (SP-SC) FINE TO MEDIUM SAND WITH CLAY, dark gray, wet, medium dense, with phosphate fragments. END OF BORING @ 35'			90	3 9 11
40								85	
45								80	
50								75	
55								70	
60								65	

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>	BORING STARTED 06/20/19	CAVE IN DEPTH
WL(SHW) WL(ACR)	BORING COMPLETED 06/20/19	HAMMER TYPE Auto
WL	RIG ATV FOREMAN Matt C.	DRILLING METHOD Mud Rotary

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-6		SHEET 1 OF 2		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										


NORTHING					EASTING					STATION				
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DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION 100% SURFACE ELEVATION 123 feet (Approx.)			
0					Topsoil Thickness [1.00"]			
	S-1	SS	24	24	(SP-SM) FINE SAND WITH SILT, contains slight roots, orangish brown, moist, loose			
	S-2	SS	24	22	(SP) FINE SAND, tan, moist, loose		120	
5	S-3	SS	24	24	(SP) FINE SAND, trace clay, tan, moist, loose, with gravel			
	S-4	SS	16	16	(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark orangish brown, wet, very dense		115	
10	S-5	SS	24	22	(SM) SILTY FINE SAND, black, wet, very dense		110	
15	S-6	SS	18	16	(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark orangish brown, wet, medium dense		105	
20	S-7	SS	18	11	(SP) FINE TO MEDIUM SAND, brown to light brown, wet, loose		100	
25	S-8	SS	18	14			95	
30	S-9	SS	18	13				

CALIBRATED PENETROMETER TONS/FT²
 ROCK QUALITY DESIGNATION & RECOVERY
 RQD% - - - REC% _____
 PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%
 STANDARD PENETRATION BLOWS/FT

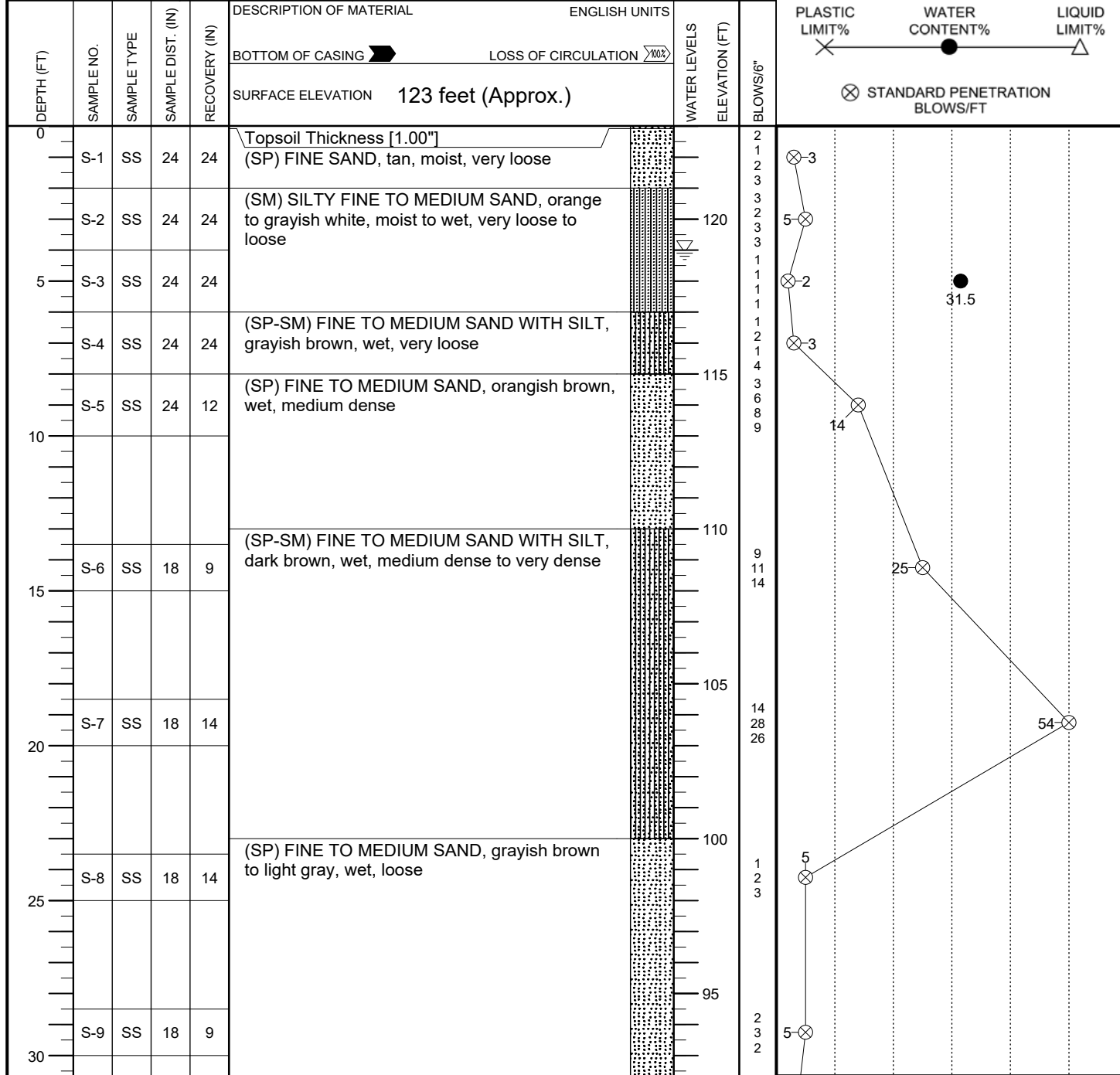
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THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.									
WL 4 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>			BORING STARTED 06/21/19			CAVE IN DEPTH			
WL(SHW) WL(ACR)			BORING COMPLETED 06/21/19			HAMMER TYPE Auto			
WL			RIG ATV FOREMAN Matt C.			DRILLING METHOD Mud Rotary			

CLIENT		Job #:		BORING #		SHEET							
Eisenhower Property Group		41:2512		B-6		2 OF 2							
PROJECT NAME		ARCHITECT-ENGINEER											
208 Holdings Riverview Property													
SITE LOCATION								<p>—○— CALIBRATED PENETROMETER TONS/FT²</p> <p>ROCK QUALITY DESIGNATION & RECOVERY RQD% — — — REC% — — —</p> <p>PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%</p> <p>⊗ STANDARD PENETRATION BLOWS/FT</p>					
Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL													
NORTHING		EASTING		STATION									
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"					
					BOTTOM OF CASING	LOSS OF CIRCULATION >100%							
					SURFACE ELEVATION 123 feet (Approx.)								
35	S-10	SS	18	16	(SP) FINE TO MEDIUM SAND, brown to light brown, wet, loose		90	3					
					(SP) FINE TO MEDIUM SAND, dark gray, wet, loose, with phosphate fragments			3					
					END OF BORING @ 35'			3					
40													
45													
50													
55													
60													
<p>THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.</p> <table border="1"> <tr> <td> <div>WL 4</div> <div>WL(SHW)</div> <div>WL</div> </td> <td> <div>WS <input type="checkbox"/></div> <div>WL(ACR)</div> </td> <td> <div>WD <input checked="" type="checkbox"/></div> </td> <td> <div>BORING STARTED 06/21/19</div> <div>BORING COMPLETED 06/21/19</div> <div>RIG ATV FOREMAN Matt C.</div> </td> <td> <div>CAVE IN DEPTH</div> <div>HAMMER TYPE Auto</div> <div>DRILLING METHOD Mud Rotary</div> </td> </tr> </table>									<div>WL 4</div> <div>WL(SHW)</div> <div>WL</div>	<div>WS <input type="checkbox"/></div> <div>WL(ACR)</div>	<div>WD <input checked="" type="checkbox"/></div>	<div>BORING STARTED 06/21/19</div> <div>BORING COMPLETED 06/21/19</div> <div>RIG ATV FOREMAN Matt C.</div>	<div>CAVE IN DEPTH</div> <div>HAMMER TYPE Auto</div> <div>DRILLING METHOD Mud Rotary</div>
<div>WL 4</div> <div>WL(SHW)</div> <div>WL</div>	<div>WS <input type="checkbox"/></div> <div>WL(ACR)</div>	<div>WD <input checked="" type="checkbox"/></div>	<div>BORING STARTED 06/21/19</div> <div>BORING COMPLETED 06/21/19</div> <div>RIG ATV FOREMAN Matt C.</div>	<div>CAVE IN DEPTH</div> <div>HAMMER TYPE Auto</div> <div>DRILLING METHOD Mud Rotary</div>									

CLIENT Eisenhower Property Group	Job #: 41:2512	BORING # B-7	SHEET 1 OF 2	
PROJECT NAME 208 Holdings Riverview Property		ARCHITECT-ENGINEER		
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL				

NORTHING	EASTING	STATION	
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○ CALIBRATED PENETROMETER TONS/FT²

ROCK QUALITY DESIGNATION & RECOVERY
RQD% - - - REC% _____

PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%

⊗ STANDARD PENETRATION BLOWS/FT

CONTINUED ON NEXT PAGE.

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.					
WL 4	WS <input type="checkbox"/>	WD <input checked="" type="checkbox"/>	BORING STARTED 06/20/19	CAVE IN DEPTH	
WL(SHW)	WL(ACR)		BORING COMPLETED 06/20/19	HAMMER TYPE Auto	
WL			RIG ATV FOREMAN Matt C.	DRILLING METHOD Mud Rotary	

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-8		SHEET 1 OF 2		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING					EASTING					STATION				
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DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION 100% SURFACE ELEVATION 126 feet (Approx.)			
0					Topsoil Thickness [1.00"]			
	S-1	SS	24	24	(SP) FINE SAND, tan, moist to wet, loose to medium dense		125	6
	S-2	SS	24	18				11
5	S-3	SS	24	24	(SP-SM) FINE TO MEDIUM SAND WITH SILT, orangish gray, wet, loose			5
	S-4	SS	24	18	(SP-SM) FINE TO MEDIUM SAND WITH SILT, orangish brown to dark brown, wet, loose to medium dense		120	22
	S-5	SS	24	24				10
10								
	S-6	SS	5	1	(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark brown, wet, loose, cemented.		115	50/5
15								
	S-7	SS	18	14	(SP-SM) FINE TO MEDIUM SAND WITH SILT, brown to grayish brown, wet, loose to medium dense		110	24
20								
	S-8	SS	18	18			105	6
25								
	S-9	SS	18	14	(SP) FINE TO MEDIUM SAND, grayish brown, wet, loose		100	6
30								

○ CALIBRATED PENETROMETER TONS/FT²


ROCK QUALITY DESIGNATION & RECOVERY
RQD% - - - REC% ———

PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%

⊗ STANDARD PENETRATION BLOWS/FT

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THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.					
WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/20/19		CAVE IN DEPTH	
WL(SHW) WL(ACR)		BORING COMPLETED 06/20/19		HAMMER TYPE Auto	
WL		RIG ATV FOREMAN Matt C.		DRILLING METHOD Mud Rotary	

CLIENT		Job #:		BORING #		SHEET		
Eisenhower Property Group		41:2512		B-8		2 OF 2		
PROJECT NAME		ARCHITECT-ENGINEER						
208 Holdings Riverview Property								
SITE LOCATION								<p>—○— CALIBRATED PENETROMETER TONS/FT²</p> <p>ROCK QUALITY DESIGNATION & RECOVERY RQD% — — — REC% — — —</p> <p>PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%</p> <p>⊗ STANDARD PENETRATION BLOWS/FT</p>
Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL								
NORTHING		EASTING		STATION				
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING	LOSS OF CIRCULATION		
					SURFACE ELEVATION 126 feet (Approx.)			
					(SP) FINE TO MEDIUM SAND, grayish brown, wet, loose		95	
	S-10	SS	18	18	(CL) LEAN CLAY WITH SAND, greenish gray, wet, firm		35	6-⊗
					END OF BORING @ 35'		90	
							85	
							80	
							75	
							70	
							65	
<p>THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.</p>								
WL 3		WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/20/19		CAVE IN DEPTH		
WL(SHW)		WL(ACR)		BORING COMPLETED 06/20/19		HAMMER TYPE Auto		
WL				RIG ATV FOREMAN Matt C.		DRILLING METHOD Mud Rotary		

CLIENT Eisenhower Property Group			Job #: 41:2512		BORING # B-9		SHEET 1 OF 2		
PROJECT NAME 208 Holdings Riverview Property			ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL									

NORTHING					EASTING					STATION				
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DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION				
					SURFACE ELEVATION 123 feet (Approx.)				

0	S-1	SS	24	22	(SP) FINE SAND, tan, moist to wet, very loose to loose				
	S-2	SS	24	22					
5	S-3	SS	24	22	(SM) SILTY FINE SAND, black to dark brown, wet, loose to medium dense				
	S-4	SS	24	22					
10	S-5	SS	24	22	(SP-SM) FINE TO MEDIUM SAND WITH SILT, orangish brown to dark brown, wet, medium dense				
15	S-6	SS	18	7					
20	S-7	SS	18	11					
25	S-8	SS	18	14	(SP) FINE TO MEDIUM SAND, trace silt, brown, wet, loose				
30	S-9	SS	18	16	(SP) FINE TO MEDIUM SAND, light gray, saturated, loose				

CALIBRATED PENETROMETER TONS/FT²
 ROCK QUALITY DESIGNATION & RECOVERY
 RQD% - - - REC% - - -
 PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%
 STANDARD PENETRATION BLOWS/FT

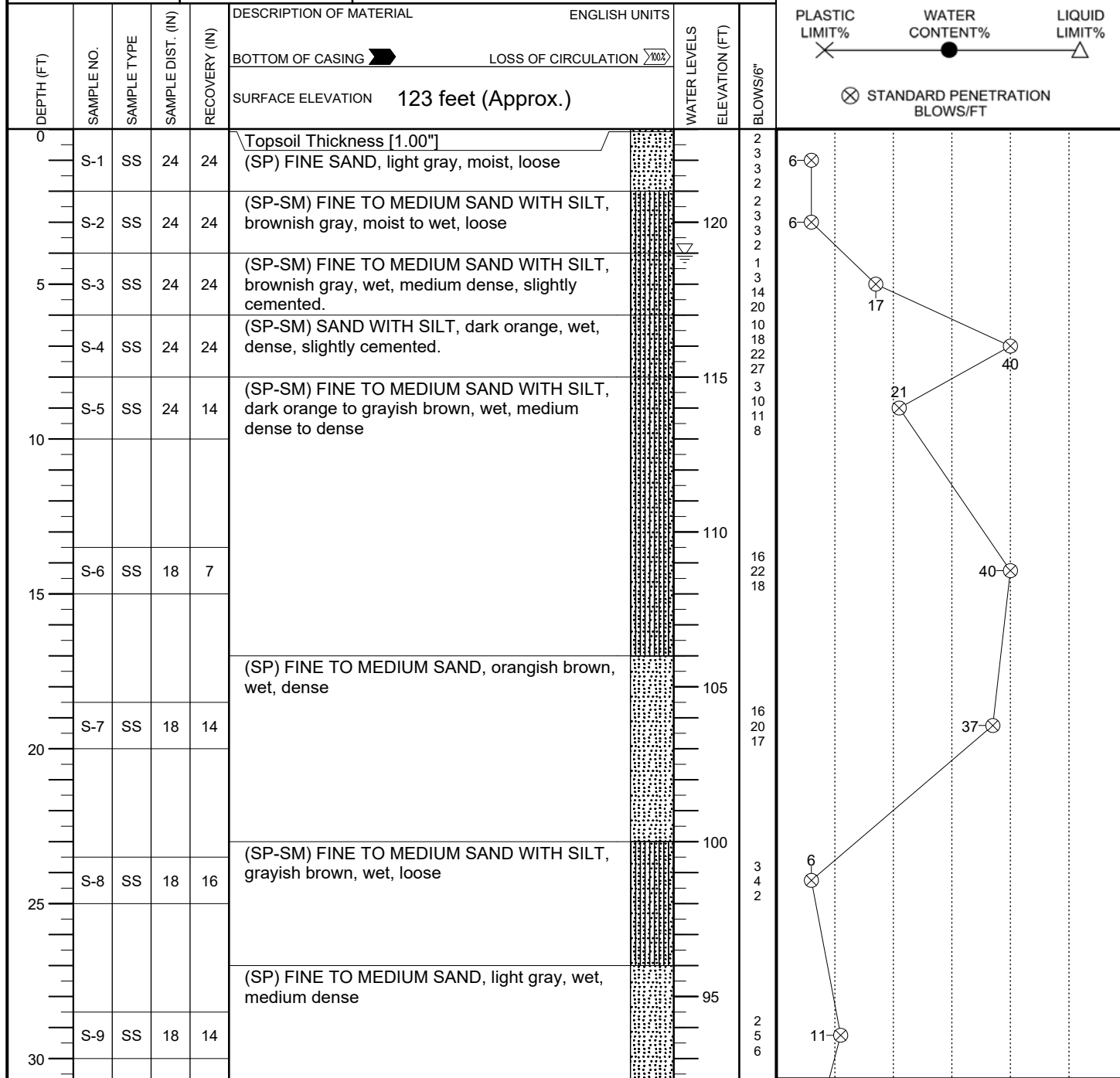
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THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.					
WL 4	WS <input type="checkbox"/>	WD <input checked="" type="checkbox"/>	BORING STARTED 06/21/19	CAVE IN DEPTH	
WL(SHW)	WL(ACR)		BORING COMPLETED 06/21/19	HAMMER TYPE Auto	
WL			RIG ATV FOREMAN Matt C.	DRILLING METHOD Mud Rotary	

CLIENT Eisenhower Property Group							Job #: 41:2512		BORING # B-9		SHEET 2 OF 2			
PROJECT NAME 208 Holdings Riverview Property							ARCHITECT-ENGINEER							
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL														
NORTHING				EASTING				STATION						
DEPTH (FT)		SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL ENGLISH UNITS				WATER LEVELS ELEVATION (FT)		BLOWS/6"		
						BOTTOM OF CASING [Symbol] LOSS OF CIRCULATION [Symbol]								
						SURFACE ELEVATION 123 feet (Approx.)								
[Scale from 35 to 60 FT]						(SP) FINE TO MEDIUM SAND, light gray, saturated, loose				[Pattern Box]	[Scale from 65 to 90 FT]			
S-10 SS 18 18						(CL) LEAN CLAY WITH SAND, greenish gray, wet, firm				[Pattern Box]	2 2 3			
						END OF BORING @ 35'								
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.														
WL 4			WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/21/19					CAVE IN DEPTH				
WL(SHW)			WL(ACR)		BORING COMPLETED 06/21/19					HAMMER TYPE Auto				
WL					RIG ATV FOREMAN Matt C.					DRILLING METHOD Mud Rotary				

CLIENT Eisenhower Property Group	Job #: 41:2512	BORING # B-10	SHEET 1 OF 2	
PROJECT NAME 208 Holdings Riverview Property		ARCHITECT-ENGINEER		
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL				

NORTHING	EASTING	STATION	
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THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.					
WL 4	WS <input type="checkbox"/>	WD <input checked="" type="checkbox"/>	BORING STARTED	06/21/19	CAVE IN DEPTH
WL(SHW)	WL(ACR)		BORING COMPLETED	06/21/19	HAMMER TYPE Auto
WL			RIG ATV	FOREMAN Matt C.	DRILLING METHOD Mud Rotary

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-10		SHEET 2 OF 2		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING EASTING STATION					—○— CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% — — — REC% ——— PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% X ————— ● ————— △ ⊗ STANDARD PENETRATION BLOWS/FT				
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION				
					SURFACE ELEVATION 123 feet (Approx.)				
35	S-10	SS	18	16	(SP) FINE TO MEDIUM SAND, light gray, wet, medium dense (CL) LEAN CLAY WITH SAND, grayish green, wet, soft, with phosphate fragments.		90	woh 2 2	⊗-4
40					END OF BORING @ 35'		85		
45							80		
50							75		
55							70		
60							65		

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.									
WL 4 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>			BORING STARTED 06/21/19			CAVE IN DEPTH			
WL(SHW) WL(ACR)			BORING COMPLETED 06/21/19			HAMMER TYPE Auto			
WL			RIG ATV FOREMAN Matt C.			DRILLING METHOD Mud Rotary			

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-11		SHEET 1 OF 2		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										
NORTHING				EASTING		STATION		—○— CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% — — — REC% — — — PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% X ————— ● ————— △ ⊗ STANDARD PENETRATION BLOWS/FT		
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"	
					BOTTOM OF CASING LOSS OF CIRCULATION 100% SURFACE ELEVATION 125 feet (Approx.)					
0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP) FINE SAND, tan to grayish brown, moist to wet, loose			125	1	
	S-2	SS	24	24					2	
	S-3	SS	24	24	(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark brown to orangish dark brown, wet, loose to dense			120	3	
5	S-4	SS	24	17					4	
	S-5	SS	24	19	(SP) FINE TO MEDIUM SAND, orangish brown, wet, loose				5	
10									6	
	S-6	SS	18	9	(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark brown, wet, medium dense				7	
15									8	
	S-7	SS	18	9					9	
20									10	
	S-8	SS	18	14	(SP-SM) FINE TO MEDIUM SAND WITH SILT, grayish brown, wet, very loose				11	
25									12	
	S-9	SS	18	13	(SP) FINE TO MEDIUM SAND, grayish brown, wet, loose				13	
30									14	
									15	
									16	
									17	
									18	
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THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.					
WL 4 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/21/19		CAVE IN DEPTH	
WL(SHW) WL(ACR)		BORING COMPLETED 06/21/19		HAMMER TYPE Manual	
WL		RIG ATV FOREMAN Matt C.		DRILLING METHOD Mud Rotary	

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-11		SHEET 2 OF 2		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING EASTING STATION					—○— CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% — — — REC% ——— PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% ⊗ STANDARD PENETRATION BLOWS/FT				
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION 100% SURFACE ELEVATION 125 feet (Approx.)				
35	S-10	SS	18	13	(SP) FINE TO MEDIUM SAND, grayish brown, wet, loose (SP) FINE TO MEDIUM SAND, dark gray, wet, medium dense, with phosphate fragments.			90	10 7 7
40					END OF BORING @ 35'			85	
45								80	
50								75	
55								70	
60								65	

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.									
WL 4 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>			BORING STARTED 06/21/19			CAVE IN DEPTH			
WL(SHW) WL(ACR)			BORING COMPLETED 06/21/19			HAMMER TYPE Manual			
WL			RIG ATV FOREMAN Matt C.			DRILLING METHOD Mud Rotary			

CLIENT Eisenhower Property Group		Job #: 41:2512	BORING # B-12	SHEET 1 OF 2	
PROJECT NAME 208 Holdings Riverview Property		ARCHITECT-ENGINEER			
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL					

NORTHING	EASTING	STATION			<p>—○— CALIBRATED PENETROMETER TONS/FT²</p> <p>ROCK QUALITY DESIGNATION & RECOVERY RQD% — — — REC% — — —</p> <p>PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%</p> <p style="text-align: center;">⊗ STANDARD PENETRATION BLOWS/FT</p>
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DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0					BOTTOM OF CASING LOSS OF CIRCULATION				
					SURFACE ELEVATION 121 feet (Approx.)				
0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP) FINE SAND, trace silt, dark gray, moist, medium dense			120	5
	S-2	SS	24	24	(SP) FINE SAND, grayish brown, moist, medium dense			10	8
								10	9
	S-3	SS	24	24	(SM) SILTY FINE TO MEDIUM SAND, black, wet, medium dense to very dense			10	10
5								10	9
	S-4	SS	5	5				10	10
								115	50/5
	S-5	SS	24	21	(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark reddish brown, wet, very dense			110	17
10									25
									30
									30
	S-6	SS	18	18				105	15
15									35
									35
					(SP) FINE TO MEDIUM SAND, trace silt, brown, wet, dense				
	S-7	SS	18	18				100	11
20									20
									18
					(SP) FINE SAND, brown to light gray, wet, medium dense to very dense				
	S-8	SS	18	15				95	5
25									7
									7
	S-9	SS	18	8					
30									18
									33
									32

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THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.					
WL 4	WS <input type="checkbox"/>	WD <input checked="" type="checkbox"/>	BORING STARTED 06/24/19	CAVE IN DEPTH	
WL(SHW)	WL(ACR)		BORING COMPLETED 06/24/19	HAMMER TYPE Manual	
WL			RIG ATV FOREMAN Matt C.	DRILLING METHOD Mud Rotary	

CLIENT Eisenhower Property Group						Job #: 41:2512		BORING # B-12		SHEET 2 OF 2			
PROJECT NAME 208 Holdings Riverview Property						ARCHITECT-ENGINEER							
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL													
NORTHING				EASTING				STATION					
DEPTH (FT)		SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL		ENGLISH UNITS	WATER LEVELS ELEVATION (FT)		BLOWS/6"		
						BOTTOM OF CASING ➡		LOSS OF CIRCULATION >>>					
						SURFACE ELEVATION 121 feet (Approx.)							
90						(SP) FINE SAND, brown to light gray, wet, medium dense to very dense			90				
35		S-10	SS	18	17	(CL) LEAN CLAY WITH SAND, greenish gray, wet, stiff, with phosphate fragments			4 5 6		 11		
END OF BORING @ 35'									85				
40									80				
45									75				
50									70				
55									65				
60									60				
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.													
WL 4		WS <input type="checkbox"/>		WD <input checked="" type="checkbox"/>		BORING STARTED 06/24/19				CAVE IN DEPTH			
WL(SHW)		WL(ACR)		BORING COMPLETED 06/24/19				HAMMER TYPE Manual					
WL		RIG ATV				FOREMAN Matt C.				DRILLING METHOD Mud Rotary			

CLIENT Eisenhower Property Group		Job #: 41:2512	BORING # B-13	SHEET 1 OF 2		
PROJECT NAME 208 Holdings Riverview Property		ARCHITECT-ENGINEER				
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL						
NORTHING	EASTING	STATION				
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL ENGLISH UNITS	WATER LEVELS ELEVATION (FT) BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION	
					SURFACE ELEVATION 123 feet (Approx.)	
0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP) FINE SAND, tan, moist, medium dense	2 5 6 4 6 6 5 16 20 29 20 20 29 15 47 50/3
	S-2	SS	24	24	(SM) SILTY FINE SAND, black, wet, dense	120 6 6 5 16 20 29 20 20 29 15 47 50/3
5	S-3	SS	24	24	(SM) SILTY FINE SAND, black, wet, dense	115 15 47 50/3
	S-4	SS	24	24	(SM) SILTY FINE SAND, black, wet, dense, cemented	110 28 50/4
	S-5	SS	9	9	(SM) SILTY FINE SAND, black, wet, very dense	105 19 22 20
10					(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark brown, wet, very dense	100 8 8 12
	S-6	SS	10	10	(SP) FINE TO MEDIUM SAND, trace silt, orangish brown, wet, dense	95 19 30 47
15					(SP) FINE TO MEDIUM SAND, trace silt, orangish brown, wet, dense	
	S-7	SS	18	10	(SP) FINE SAND, brown to grayish white, wet, medium dense to very dense	
20					(SP) FINE SAND, brown to grayish white, wet, medium dense to very dense	
	S-8	SS	18	10	(SP) FINE SAND, brown to grayish white, wet, medium dense to very dense	
25					(SP) FINE SAND, brown to grayish white, wet, medium dense to very dense	
	S-9	SS	18	13	(SP) FINE SAND, brown to grayish white, wet, medium dense to very dense	
30					(SP) FINE SAND, brown to grayish white, wet, medium dense to very dense	

Legend:
 ○ CALIBRATED PENETROMETER TONS/FT²
 --- ROCK QUALITY DESIGNATION & RECOVERY
 RQD% --- REC% ---
 ✕ PLASTIC LIMIT% ● WATER CONTENT% △ LIQUID LIMIT%
 ⊗ STANDARD PENETRATION BLOWS/FT

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THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4	WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>	BORING STARTED 06/24/19	CAVE IN DEPTH
WL(SHW)	WL(ACR)	BORING COMPLETED 06/24/19	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Matt C.	DRILLING METHOD Mud Rotary	

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-13		SHEET 2 OF 2		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING EASTING STATION					CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% _____ PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% STANDARD PENETRATION BLOWS/FT				
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION				
					SURFACE ELEVATION 123 feet (Approx.)				
35	S-10	SS	18	15	(SP) FINE SAND, brown to grayish white, wet, medium dense to very dense (CL) LEAN CLAY WITH SAND, gray, wet, stiff, slightly cemented			90	5 4 4
40					END OF BORING @ 35'				
45									
50									
55									
60									


THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.									
WL 4 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>			BORING STARTED 06/24/19			CAVE IN DEPTH			
WL(SHW) WL(ACR)			BORING COMPLETED 06/24/19			HAMMER TYPE Manual			
WL			RIG ATV FOREMAN Matt C.			DRILLING METHOD Mud Rotary			

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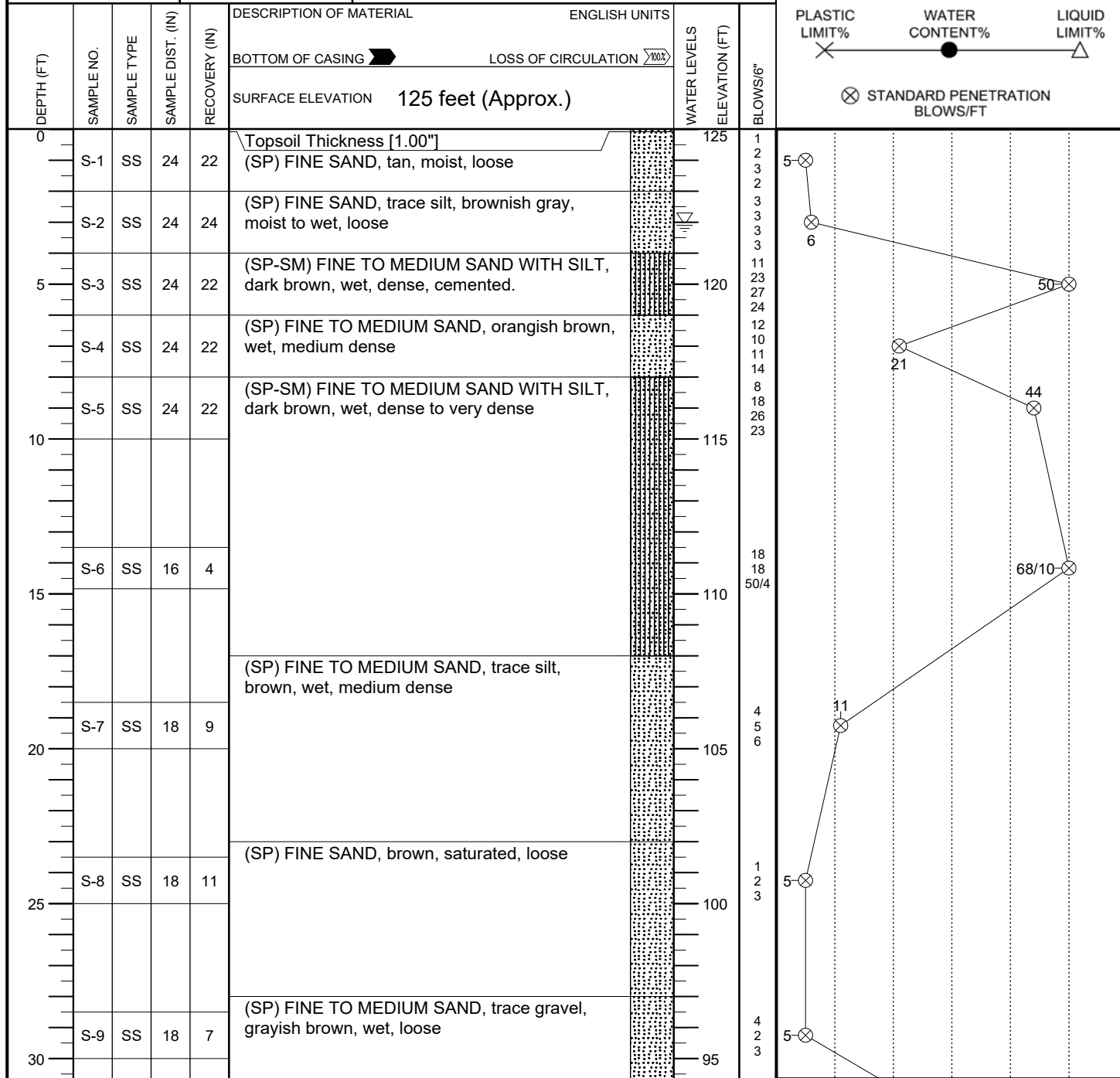
CLIENT Eisenhower Property Group						Job #: 41:2512		BORING # B-14		SHEET 2 OF 2	
PROJECT NAME 208 Holdings Riverview Property								ARCHITECT-ENGINEER			
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL								<div>CALIBRATED PENETROMETER TONS/FT²</div> <div>ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% ———</div> <div>PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%</div> <div>X ● Δ</div> <div>STANDARD PENETRATION BLOWS/FT</div>			
NORTHING	EASTING	STATION									
DEPTH (FT)		SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL ENGLISH UNITS		WATER LEVELS ELEVATION (FT)		BLOWS/6"	
						BOTTOM OF CASING LOSS OF CIRCULATION >100%					
						SURFACE ELEVATION 125 feet (Approx.)					
35		S-10	SS	18	15	(SP) FINE SAND, light gray, wet, very loose				10 15 15	
						(SP) FINE TO MEDIUM SAND, gray, wet, medium dense, with phosphate fragments					
40											
45											
50											
55											
60						END OF BORING @ 35'					

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4 WS WD	BORING STARTED 06/24/19	CAVE IN DEPTH
WL(SHW) WL(ACR)	BORING COMPLETED 06/24/19	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Matt C.	DRILLING METHOD Mud Rotary

CLIENT Eisenhower Property Group		Job #: 41:2512	BORING # B-15	SHEET 1 OF 2	
PROJECT NAME 208 Holdings Riverview Property		ARCHITECT-ENGINEER			
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL					

NORTHING	EASTING	STATION
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THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.					
WL 3	WS	WD	BORING STARTED	06/21/19	CAVE IN DEPTH
WL(SHW)	WL(ACR)		BORING COMPLETED	06/21/19	HAMMER TYPE Auto
WL			RIG ATV	FOREMAN Matt C.	DRILLING METHOD Mud Rotary

CLIENT Eisenhower Property Group						Job #: 41:2512		BORING # B-15		SHEET 2 OF 2			
PROJECT NAME 208 Holdings Riverview Property						ARCHITECT-ENGINEER							
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL													
NORTHING			EASTING			STATION							
DEPTH (FT)		SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL				ENGLISH UNITS		WATER LEVELS ELEVATION (FT)	
						BOTTOM OF CASING				LOSS OF CIRCULATION >100%			
						SURFACE ELEVATION 125 feet (Approx.)							
35		S-10	SS	18	13	(SP) FINE TO MEDIUM SAND, trace gravel, grayish brown, wet, loose						18	
						(SP) FINE TO MEDIUM SAND, light gray, wet, very dense, with phosphate fragments.						31	
40						END OF BORING @ 35'						70	
45													
50													
55													
60													

-○- CALIBRATED PENETROMETER TONS/FT²

ROCK QUALITY DESIGNATION & RECOVERY
RQD% - - - REC% ———

PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%

⊗ STANDARD PENETRATION BLOWS/FT

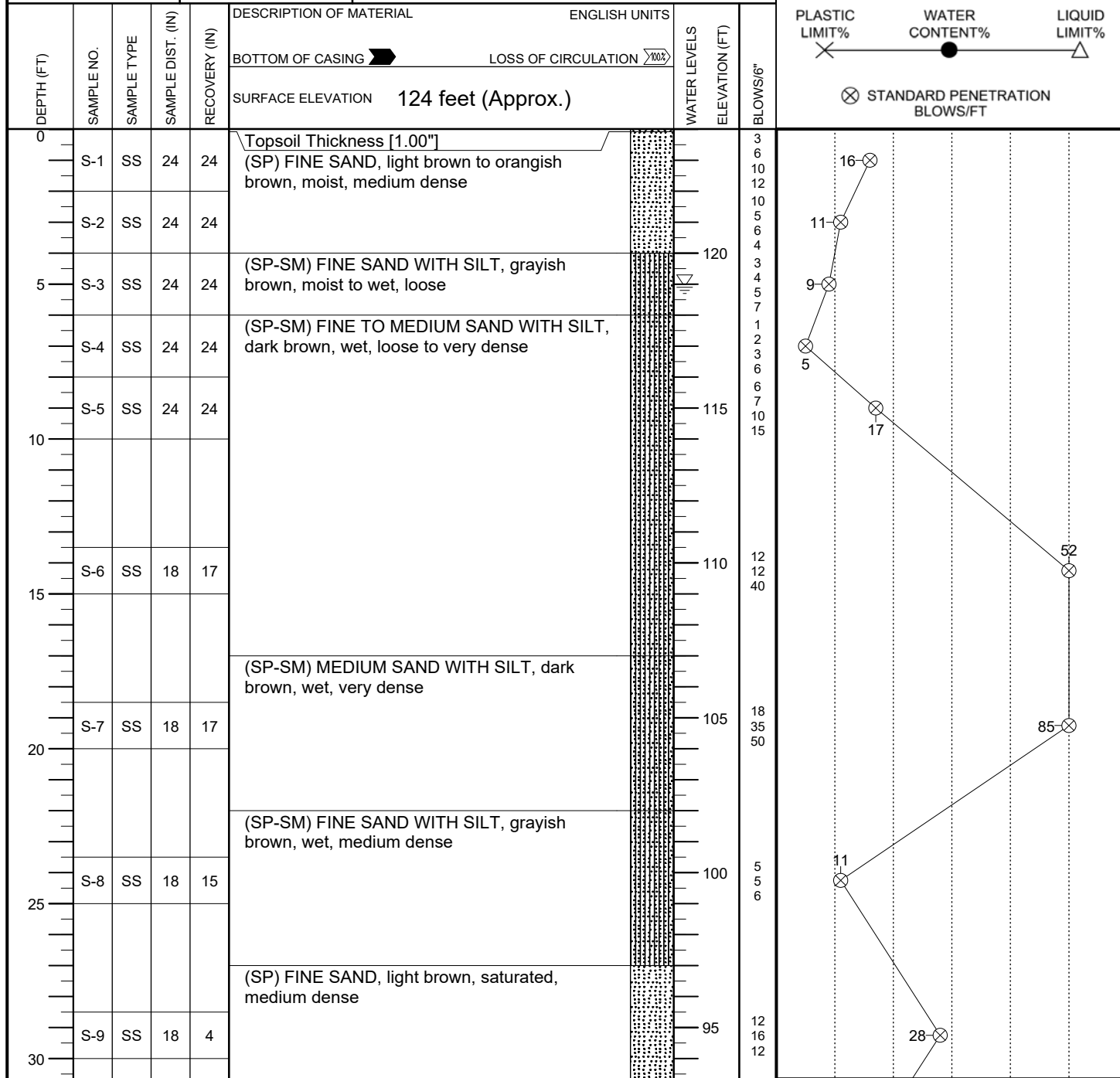
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 3	WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>	BORING STARTED 06/21/19	CAVE IN DEPTH
WL(SHW)	WL(ACR)	BORING COMPLETED 06/21/19	HAMMER TYPE Auto
WL		RIG ATV FOREMAN Matt C.	DRILLING METHOD Mud Rotary

CLIENT Eisenhower Property Group		Job #: 41:2512	BORING # B-16	SHEET 1 OF 1					
PROJECT NAME 208 Holdings Riverview Property		ARCHITECT-ENGINEER							
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL									
NORTHING	EASTING	STATION			—○— CALIBRATED PENETROMETER TONS/FT² ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% —— PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% ● ▲ ⊗ STANDARD PENETRATION BLOWS/FT				
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"	
					BOTTOM OF CASING	LOSS OF CIRCULATION			
					SURFACE ELEVATION 122 feet (Approx.)				
0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP-SM) FINE SAND WITH SILT, dark brown, moist, loose to medium dense		120	5	
	S-2	SS	24	24				5	
5	S-3	SS	24	24	(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark brown, wet, medium dense to very dense			6	
	S-4	SS	24	21				6	
	S-5	SS	24	21				7	
10								7	
					(SP-SM) FINE SAND WITH SILT, dark brown, wet, very dense			8	
15	S-6	SS	18	10				25	
								25	
								31	
								39	
								14	
20	S-7	SS	18	16				15	
								17	
								19	
								30	
								37	
								33	
25	S-8	SS	10	10	(SP) FINE SAND, brown, wet, very dense		100	40	
								35	
								35	
								30	
								50/4	
30	S-9	SS	18	18	(CL) LEAN CLAY WITH SAND, greenish gray, wet, stiff		95	7	
								7	
								7	
					END OF BORING @ 30'				
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.									
WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/26/19		CAVE IN DEPTH					
WL(SHW) WL(ACR) <input checked="" type="checkbox"/>		BORING COMPLETED 06/26/19		HAMMER TYPE Manual					
WL		RIG ATV FOREMAN Matt C.		DRILLING METHOD Mud Rotary					

CLIENT Eisenhower Property Group	Job #: 41:2512	BORING # B-17	SHEET 1 OF 2	
PROJECT NAME 208 Holdings Riverview Property		ARCHITECT-ENGINEER		
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL				

NORTHING	EASTING	STATION	
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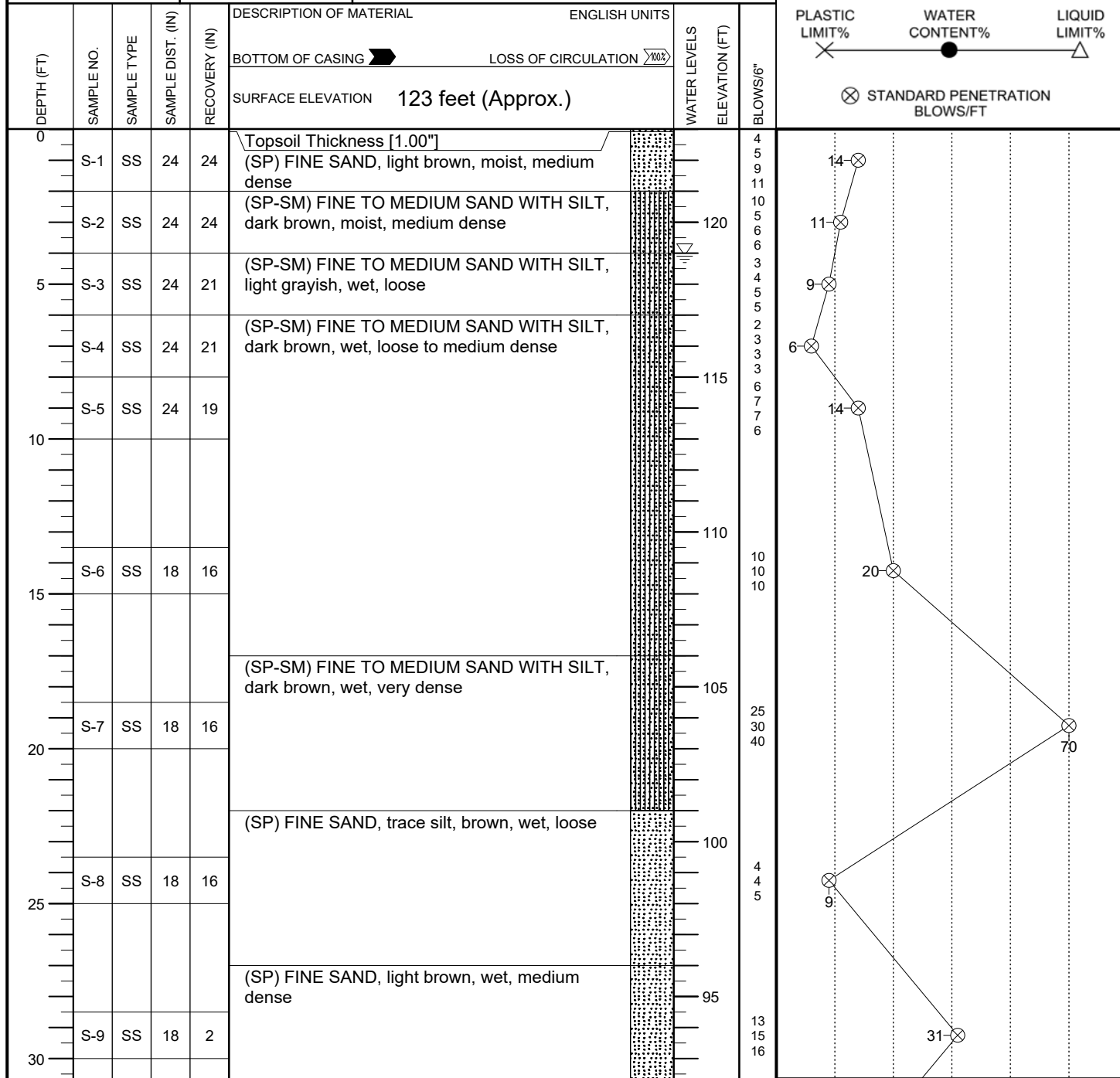
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THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.					
WL 5	WS <input type="checkbox"/>	WD <input checked="" type="checkbox"/>	BORING STARTED 06/27/19	CAVE IN DEPTH	
WL(SHW)	WL(ACR)		BORING COMPLETED 06/27/19	HAMMER TYPE Manual	
WL			RIG ATV FOREMAN Matt C.	DRILLING METHOD Mud Rotary	

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CLIENT Eisenhower Property Group	Job #: 41:2512	BORING # B-18	SHEET 1 OF 2	
PROJECT NAME 208 Holdings Riverview Property		ARCHITECT-ENGINEER		
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL				

NORTHING	EASTING	STATION	
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THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.					
WL 4	WS <input type="checkbox"/>	WD <input checked="" type="checkbox"/>	BORING STARTED	06/27/19	CAVE IN DEPTH
WL(SHW)	WL(ACR)		BORING COMPLETED	06/27/19	HAMMER TYPE Manual
WL			RIG ATV	FOREMAN Cody H.	DRILLING METHOD Mud Rotary

CLIENT						Job #:		BORING #		SHEET		
Eisenhower Property Group						41:2512		B-18		2 OF 2		
PROJECT NAME 208 Holdings Riverview Property						ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL												<p> CALIBRATED PENETROMETER TONS/FT²</p> <p>ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% - - -</p> <p>PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%</p> <p> STANDARD PENETRATION BLOWS/FT</p>
NORTHING		EASTING		STATION								
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"				
					BOTTOM OF CASING	LOSS OF CIRCULATION						
					SURFACE ELEVATION	123 feet (Approx.)						
35	S-10	SS	18	17	(SP) FINE SAND, light brown, wet, medium dense			4				
					(CL) SANDY LEAN CLAY, greenish gray, wet, stiff			4				
					END OF BORING @ 35'			5				
40												
45												
50												
55												
60												
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.												
WL 4		WS <input type="checkbox"/>		WD <input checked="" type="checkbox"/>		BORING STARTED 06/27/19		CAVE IN DEPTH				
WL(SHW)		WL(ACR)				BORING COMPLETED 06/27/19		HAMMER TYPE Manual				
WL						RIG ATV FOREMAN Cody H.		DRILLING METHOD Mud Rotary				

CLIENT Eisenhower Property Group				Job #: 41:2512	BORING # B-19	SHEET 1 OF 2		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER				
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL								
NORTHING				EASTING		STATION		○ CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% _____ PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% ✕ ● △ ⊗ STANDARD PENETRATION BLOWS/FT
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	
					BOTTOM OF CASING	LOSS OF CIRCULATION >100%	ELEVATION (FT)	
					SURFACE ELEVATION 125 feet (Approx.)		BLOWS/6"	
0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP) FINE SAND, orange to brownish gray, moist to wet, loose to dense		125	
	S-2	SS	24	24			125	
	S-3	SS	5	5	(SP) FINE SAND, trace silt, gray, wet, very dense		120	
5							120	
	S-4	SS	24	24	(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark brown, wet, medium dense		115	
	S-5	SS	24	21	(SM) SILTY FINE TO MEDIUM SAND, black, wet, medium dense		115	
10							115	
					(SP-SM) MEDIUM SAND WITH SILT, dark brown, wet, medium dense		110	
15	S-6	SS	18	8			110	
					(SP-SM) FINE TO MEDIUM SAND WITH SILT, orangish brown, wet, medium dense		105	
20	S-7	SS	18	17			105	
					(SP) FINE SAND, brown, wet, loose		100	
25	S-8	SS	18	4			100	
					(SP) FINE TO MEDIUM SAND, greenish gray, wet, medium dense, with phosphate fragments		95	
30	S-9	SS	18	7			95	

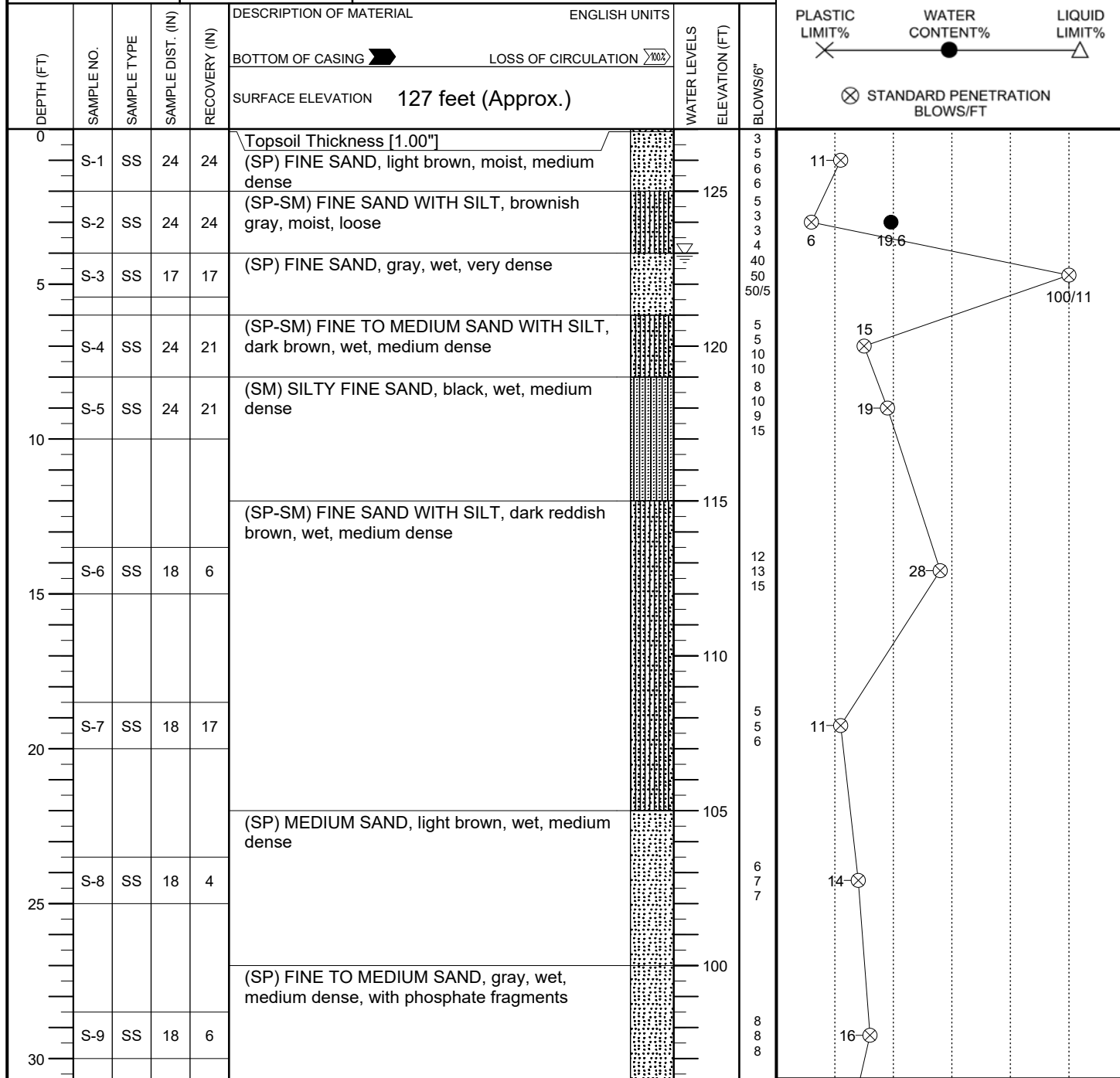
CONTINUED ON NEXT PAGE.

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.			
WL 3 WL(SHW) WL	WS <input type="checkbox"/> WL(ACR) WL	WD <input checked="" type="checkbox"/> BORING COMPLETED RIG ATV	BORING STARTED 06/27/19 FOREMAN Cody H.
CAVE IN DEPTH		HAMMER TYPE Manual	
		DRILLING METHOD Mud Rotary	

CLIENT Eisenhower Property Group						Job #: 41:2512		BORING # B-19		SHEET 2 OF 2		
PROJECT NAME 208 Holdings Riverview Property						ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL												
NORTHING		EASTING		STATION								
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"	○ CALIBRATED PENETROMETER TONS/FT² ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% ——— PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% ● ▲ ⊗ STANDARD PENETRATION BLOWS/FT			
					BOTTOM OF CASING	LOSS OF CIRCULATION						
					SURFACE ELEVATION 125 feet (Approx.)							
35	S-10	SS	18	4	(SP) FINE TO MEDIUM SAND, greenish gray, wet, medium dense, with phosphate fragments			4				
					(CL) LEAN CLAY WITH SAND, greenish gray, wet, stiff			5				
					END OF BORING @ 35'							
40												
45												
50												
55												
60												
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.												
WL 3		WS <input type="checkbox"/>		WD <input checked="" type="checkbox"/>		BORING STARTED 06/27/19		CAVE IN DEPTH				
WL(SHW)		WL(ACR)				BORING COMPLETED 06/27/19		HAMMER TYPE Manual				
WL						RIG ATV FOREMAN Cody H.		DRILLING METHOD Mud Rotary				

CLIENT Eisenhower Property Group	Job #: 41:2512	BORING # B-20	SHEET 1 OF 2	
PROJECT NAME 208 Holdings Riverview Property		ARCHITECT-ENGINEER		
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL				

NORTHING	EASTING	STATION	
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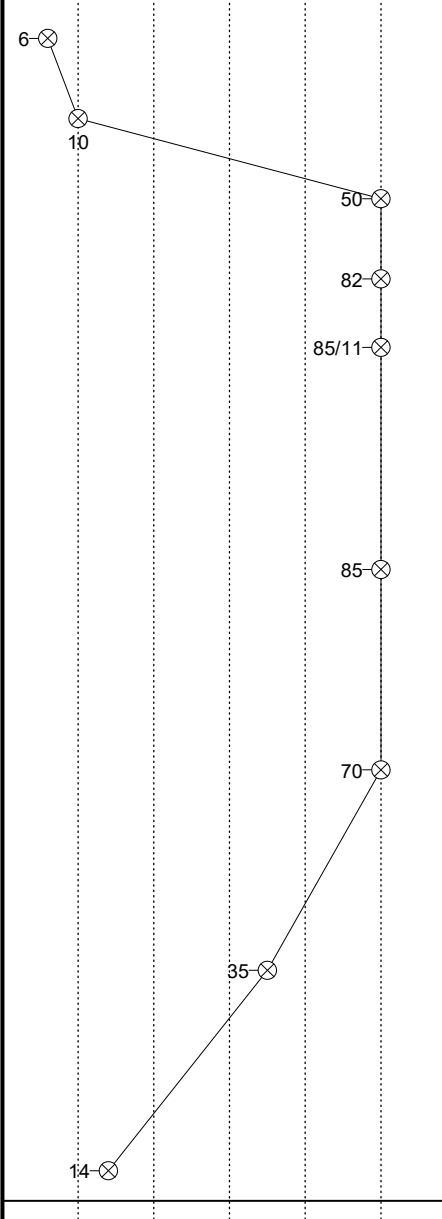
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.					
WL 4	WS <input type="checkbox"/>	WD <input checked="" type="checkbox"/>	BORING STARTED 06/27/19	CAVE IN DEPTH	
WL(SHW)	WL(ACR)		BORING COMPLETED 06/27/19	HAMMER TYPE Manual	
WL			RIG ATV FOREMAN Cody H.	DRILLING METHOD Mud Rotary	

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-20		SHEET 2 OF 2		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING EASTING STATION					—○— CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% — — — REC% ——— PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% X ————— ● ————— △ ⊗ STANDARD PENETRATION BLOWS/FT				
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION				
					SURFACE ELEVATION 127 feet (Approx.)				
35	S-10	SS	18	2	(SP) FINE TO MEDIUM SAND, gray, wet, medium dense, with phosphate fragments			95	6 5 5
					(CL) LEAN CLAY WITH SAND, greenish gray, wet, stiff				
					END OF BORING @ 35'				
40								90	
45								85	
50								80	
55								75	
60								70	

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.									
WL 4 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>			BORING STARTED 06/27/19			CAVE IN DEPTH			
WL(SHW) WL(ACR)			BORING COMPLETED 06/27/19			HAMMER TYPE Manual			
WL			RIG ATV FOREMAN Cody H.			DRILLING METHOD Mud Rotary			

CLIENT Eisenhower Property Group		Job #: 41:2512	BORING # B-21	SHEET 1 OF 1			
PROJECT NAME 208 Holdings Riverview Property		ARCHITECT-ENGINEER					
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL							
NORTHING		EASTING		STATION			
<div> <div> <div>○</div> <div>CALIBRATED PENETROMETER TONS/FT²</div> </div> <div> <div>ROCK QUALITY DESIGNATION & RECOVERY</div> <div>RQD% --- REC% ---</div> </div> <div> <div>PLASTIC LIMIT%</div> <div>WATER CONTENT%</div> <div>LIQUID LIMIT%</div> </div> <div> <div>⊗</div> <div>STANDARD PENETRATION BLOWS/FT</div> </div> </div>							
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	<div> <div>DESCRIPTION OF MATERIAL</div> <div>ENGLISH UNITS</div> <div>BOTTOM OF CASING </div> <div>LOSS OF CIRCULATION </div> <div>SURFACE ELEVATION 125 feet (Approx.)</div> </div>	WATER LEVELS ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP) FINE SAND, dark gray to light grayish brown, moist to wet, loose	125	1
	S-2	SS	24	21			3
							4
							5
							5
							5
							8
5	S-3	SS	24	12	(SP-SM) FINE SAND WITH SILT, grayish brown, wet, dense	120	20
							20
							30
							45
	S-4	SS	24	12	(SM) SILTY FINE SAND, dark brown, wet, very dense		35
							40
							42
							49
	S-5	SS	17	17	(SP-SM) FINE SAND WITH SILT, dark brown, wet, very dense		33
							35
							50/5
10							115
	S-6	SS	18	9	(SM) SILTY MEDIUM SAND, black, wet, very dense		33
							40
15							45
	S-7	SS	18	8	(SP-SM) MEDIUM SAND WITH SILT, black to dark brown, wet, very dense		25
							30
20							40
	S-8	SS	18	15	(SP) FINE SAND, brown, wet, dense		10
25							15
							20
	S-9	SS	18	18	(SC) CLAYEY FINE TO MEDIUM SAND, greenish gray, wet, medium dense, with phosphate fragments		7
30							7
							7
					END OF BORING @ 30'		95



Depth (ft)	SPT Blows/ft
6	6
10	10
50	50
82	82
85/11	85/11
85	85
70	70
35	35
14	14

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

<div> <div>WL 3</div> <div>WS <input type="checkbox"/></div> <div>WD <input checked="" type="checkbox"/></div> </div>	<div> <div>BORING STARTED</div> <div>06/25/19</div> </div>	<div> <div>CAVE IN DEPTH</div> </div>
<div> <div>WL(SHW)</div> <div>WL(ACR)</div> </div>	<div> <div>BORING COMPLETED</div> <div>06/25/19</div> </div>	<div> <div>HAMMER TYPE</div> <div>Manual</div> </div>
<div> <div>WL</div> </div>	<div> <div>RIG</div> <div>ATV</div> </div>	<div> <div>FOREMAN</div> <div>Cody H.</div> </div>
<div> <div>DRILLING METHOD</div> <div>Mud Rotary</div> </div>		

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-22		SHEET 1 OF 2		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										
NORTHING				EASTING		STATION		○ CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% _____ PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% ✕ ● △ ⊗ STANDARD PENETRATION BLOWS/FT		
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"	
					BOTTOM OF CASING LOSS OF CIRCULATION 100% SURFACE ELEVATION 125 feet (Approx.)					
0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP) FINE SAND, white to grayish, moist to wet, loose to medium dense			125	4	
	S-2	SS	24	24					6	
	S-3	SS	24	24	(SM) SILTY FINE SAND, dark brown to black, wet, loose to medium dense			120	10	
	S-4	SS	23	23					6	
5	S-5	SS	24	24	(SP-SM) FINE SAND WITH SILT, dark reddish brown, wet, dense				2	
									3	
									1	
					(SP-SM) FINE SAND WITH SILT, dark reddish brown, wet, medium dense				8	
	S-6	SS	18	15					14	
10									20	
									50/5	
									24	
									18	
									20	
15									9	
									11	
									14	
	S-7	SS	18	16					10	
20									13	
									15	
					(SP-SM) MEDIUM SAND WITH SILT, dark reddish brown, wet, dense					
25	S-8	SS	18	15					11	
									18	
									15	
					(SP) MEDIUM SAND, light brown, wet, medium dense					
30	S-9	SS	18	2					7	
									8	
									7	

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THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.					
WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/26/19		CAVE IN DEPTH	
WL(SHW) WL(ACR)		BORING COMPLETED 06/26/19		HAMMER TYPE Manual	
WL		RIG ATV FOREMAN Cody H.		DRILLING METHOD Mud Rotary	

CLIENT Eisenhower Property Group							Job #: 41:2512		BORING # B-22		SHEET 2 OF 2		
PROJECT NAME 208 Holdings Riverview Property							ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL											<div>○ CALIBRATED PENETROMETER TONS/FT²</div> <div>ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% ———</div> <div>PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%</div> <div>X STANDARD PENETRATION BLOWS/FT</div>		
NORTHING		EASTING		STATION									
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL			ENGLISH UNITS	BOTTOM OF CASING	LOSS OF CIRCULATION	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
					SURFACE ELEVATION 125 feet (Approx.)								
					(SP) MEDIUM SAND, light brown, wet, medium dense								
	S-10	SS	18	6	(CL) SANDY LEAN CLAY, greenish gray, wet, stiff, with phosphate fragments								
					END OF BORING @ 35'								
35													
40													
45													
50													
55													
60													
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.													
WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>					BORING STARTED 06/26/19				CAVE IN DEPTH				
WL(SHW) WL(ACR) <input checked="" type="checkbox"/>					BORING COMPLETED 06/26/19				HAMMER TYPE Manual				
WL					RIG ATV FOREMAN Cody H.				DRILLING METHOD Mud Rotary				

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-23		SHEET 1 OF 2			
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER							
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL											
NORTHING				EASTING		STATION		○ CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% _____ PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% ✕ ● △ ⊗ STANDARD PENETRATION BLOWS/FT			
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"		
					BOTTOM OF CASING LOSS OF CIRCULATION						
					SURFACE ELEVATION 125 feet (Approx.)						
0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP) FINE SAND, white, wet, loose			125	5	10	
	S-2	SS	24	24	(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark brown, moist wet, loose				5	8	
5	S-3	SS	24	24	(SM) SILTY FINE SAND, black, wet, loose to dense			120	5	12	
	S-4	SS	24	21					2	35	
	S-5	SS	24	19	(SP-SM) FINE SAND WITH SILT, dark reddish brown, wet, dense				10	50	
10					(SP-SM) FINE SAND WITH SILT, dark reddish brown, wet, medium dense				30		
	S-6	SS	18	16				115	25		
15									10		
	S-7	SS	18	10				110	10		
20					(SP-SM) MEDIUM SAND WITH SILT, dark orangish brown, wet, dense				15		
	S-8	SS	18	9				105	25		
25									12		
	S-9	SS	18	2	(SP) MEDIUM SAND, light brown, wet, medium dense			100	13	40	
30									15		
								95	20		
									7	14	
									7		
									7		

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THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.									
WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/26/19		CAVE IN DEPTH					
WL(SHW) WL(ACR)		BORING COMPLETED 06/26/19		HAMMER TYPE Manual					
WL		RIG ATV FOREMAN Cody H.		DRILLING METHOD Mud Rotary					

CLIENT Eisenhower Property Group						Job #: 41:2512		BORING # B-23		SHEET 2 OF 2																																																																																																				
PROJECT NAME 208 Holdings Riverview Property						ARCHITECT-ENGINEER																																																																																																								
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										<div>○ CALIBRATED PENETROMETER TONS/FT²</div> <div>ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% ———</div> <div>PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%</div> <div>⊗ STANDARD PENETRATION BLOWS/FT</div>																																																																																																				
NORTHING		EASTING		STATION																																																																																																										
<table border="1"><thead><tr><th>DEPTH (FT)</th><th>SAMPLE NO.</th><th>SAMPLE TYPE</th><th>SAMPLE DIST. (IN)</th><th>RECOVERY (IN)</th><th>DESCRIPTION OF MATERIAL</th><th>ENGLISH UNITS</th><th>WATER LEVELS ELEVATION (FT)</th><th>BLOWS/6"</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td>BOTTOM OF CASING</td><td>LOSS OF CIRCULATION</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="2">SURFACE ELEVATION 125 feet (Approx.)</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>(SP) MEDIUM SAND, light brown, wet, medium dense</td><td></td><td></td><td></td></tr><tr><td>35</td><td>S-10</td><td>SS</td><td>18</td><td>8</td><td>(CL) SANDY LEAN CLAY, greenish gray, wet, stiff, with phosphate fragments</td><td></td><td></td><td>3 3 3</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="2">END OF BORING @ 35'</td><td></td><td></td></tr><tr><td>40</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>45</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>50</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>55</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>60</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>												DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"						BOTTOM OF CASING	LOSS OF CIRCULATION								SURFACE ELEVATION 125 feet (Approx.)									(SP) MEDIUM SAND, light brown, wet, medium dense				35	S-10	SS	18	8	(CL) SANDY LEAN CLAY, greenish gray, wet, stiff, with phosphate fragments			3 3 3						END OF BORING @ 35'				40									45									50									55									60								
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"																																																																																																						
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WL(SHW) WL(ACR)					BORING COMPLETED 06/26/19				HAMMER TYPE Manual																																																																																																					
WL					RIG ATV FOREMAN Cody H.				DRILLING METHOD Mud Rotary																																																																																																					

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-24		SHEET 1 OF 1		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING					EASTING					STATION				
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








DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION			
					SURFACE ELEVATION 124 feet (Approx.)			












0 5 10 15 20 25 30	S-1 S-2 S-3 S-4 S-5 S-6 S-7 S-8 S-9	SS SS SS SS SS SS SS SS SS	24 24 24 24 18 18 18 18 18	24 24 24 7 17 16 16 2 17	Topsoil Thickness [1.00"] (SP-SM) FINE SAND WITH SILT, dark grayish brown, moist, medium dense (SP-SM) FINE TO MEDIUM SAND WITH SILT, dark grayish brown, moist to wet, medium dense (SP-SM) FINE SAND WITH SILT, dark brown, wet, medium dense to very dense (SP-SM) MEDIUM SAND WITH SILT, black, wet, dense (SP-SM) MEDIUM SAND WITH SILT, dark brown, wet, dense (SP) MEDIUM SAND, trace silt, brown, wet, very dense (CL) LEAN CLAY WITH SAND, greenish gray, wet, stiff, with phosphate fragments	120 115 110 105 100 95	3 7 5 5 3 7 5 5 4 8 7 8 30 49 41 45 14 18 22 18 25 35 32 32 47 43 28 49 49 5 7 7	
					END OF BORING @ 30'			

CALIBRATED PENETROMETER TONS/FT²
 ROCK QUALITY DESIGNATION & RECOVERY
 RQD% - - - REC% _____
 PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%
 STANDARD PENETRATION BLOWS/FT


THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.					
WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/26/19		CAVE IN DEPTH	
WL(SHW) WL(ACR)		BORING COMPLETED 06/26/19		HAMMER TYPE Manual	
WL		RIG ATV FOREMAN Cody H.		DRILLING METHOD Mud Rotary	

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-25		SHEET 1 OF 1		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										
NORTHING				EASTING		STATION		—○— CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% — — — REC% — — — PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% X ————— ● ————— △ ⊗ STANDARD PENETRATION BLOWS/FT		
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"	
					BOTTOM OF CASING LOSS OF CIRCULATION 100% SURFACE ELEVATION 125 feet (Approx.)					
0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP) FINE SAND, grayish brown, moist, loose			125	3	
	S-2	SS	24	24	(SP-SM) FINE SAND WITH SILT, dark grayish brown, wet, medium dense				5	
	S-3	SS	24	24	(SM) SILTY FINE SAND, black, wet, medium dense			120	5	
5	S-4	SS	24	21	(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark brown, wet, dense to very dense				7	
	S-5	SS	24	14					10	
10					(SP-SM) FINE SAND WITH SILT, dark reddish brown, wet, dense to very dense				5	
	S-6	SS	18	18					9	
15									25	
	S-7	SS	18	10					28	
20					(SP) FINE TO MEDIUM SAND, brown, wet, very dense				31	
	S-8	SS	11	11					15	
25									15	
	S-9	SS	18	17	(CL) LEAN CLAY WITH SAND, greenish gray, wet, very stiff, with phosphate fragments				16	
30					END OF BORING @ 30'			95	20	
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.										
WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/26/19		CAVE IN DEPTH						
WL(SHW) WL(ACR)		BORING COMPLETED 06/26/19		HAMMER TYPE Manual						
WL		RIG ATV FOREMAN Cody H.		DRILLING METHOD Mud Rotary						

CLIENT Eisenhower Property Group		Job #: 41:2512	BORING # B-26	SHEET 1 OF 1			
PROJECT NAME 208 Holdings Riverview Property		ARCHITECT-ENGINEER					
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL							
NORTHING		EASTING		STATION			
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL ENGLISH UNITS BOTTOM OF CASING  LOSS OF CIRCULATION  SURFACE ELEVATION 121 feet (Approx.)	WATER LEVELS ELEVATION (FT) BLOWS/6"	CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% - - - PLASTIC LIMIT%  WATER CONTENT%  LIQUID LIMIT%  STANDARD PENETRATION BLOWS/FT 
0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP) FINE SAND, light brown, wet, medium dense	120	11
	S-2	SS	24	24	(SP-SM) FINE SAND WITH SILT, brownish gray, moist to wet, loose		9
5	S-3	SS	24	24	(SM) SILTY FINE SAND, black, wet, medium dense to very dense	115	13
	S-4	SS	24	24			55
	S-5	SS	11	11			50/5
10					(SP-SM) MEDIUM SAND WITH SILT, dark brown, wet, medium dense to very dense	110	
15	S-6	SS	18	15			30
						105	
20	S-7	SS	18	10			81
						100	
25	S-8	SS	18	9			12
						95	
					(CL) LEAN CLAY WITH SAND, greenish gray, wet, very stiff		16
30	S-9	SS	18	17			
					END OF BORING @ 30'		
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.							
 WL 3		WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/26/19		CAVE IN DEPTH	
 WL(SHW)		 WL(ACR)		BORING COMPLETED 06/26/19		HAMMER TYPE Manual	
 WL				RIG ATV FOREMAN Cody H.		DRILLING METHOD Mud Rotary	

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-27		SHEET 1 OF 1				
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER								
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL												
NORTHING				EASTING				STATION				
DEPTH (FT)		SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL ENGLISH UNITS BOTTOM OF CASING  LOSS OF CIRCULATION  SURFACE ELEVATION 123 feet (Approx.)			WATER LEVELS ELEVATION (FT)	BLOWS/6"	ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% - - - PLASTIC LIMIT%  WATER CONTENT%  LIQUID LIMIT%   STANDARD PENETRATION BLOWS/FT	
0		S-1	SS	24	24	Topsoil Thickness [1.00"] (SP) FINE SAND, light brown, wet, medium dense			120	4	15	
		S-2	SS	24	24	(SP-SM) FINE SAND WITH SILT, dark gray, moist to wet, medium dense				5	10	
		S-3	SS	24	24	(SP-SM) FINE SAND WITH SILT, brownish gray, wet, dense				11	22	
5		S-4	SS	24	24	(SP-SM) FINE SAND WITH SILT, grayish brown to dark reddish brown, wet, dense to very dense			115	20	50	
		S-5	SS	24	24					25	62	
		S-6	SS	18	18	(SP-SM) FINE SAND WITH SILT, dark reddish brown, wet, medium dense			110	30	32	
10										14	17	
		S-7	SS	18	18				105	15	14	
		S-8	SS	18	14				100	7	29	
20									95	9	18	
		S-9	SS	18	17	(CL) LEAN CLAY WITH SAND, light grayish green, wet, stiff				10	9	
25										7	10	
30						END OF BORING @ 30'				5	5	
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.												
 WL 3		WS <input type="checkbox"/>		WD <input checked="" type="checkbox"/>		BORING STARTED 06/25/19				CAVE IN DEPTH		
 WL(SHW)		 WL(ACR)				BORING COMPLETED 06/25/19				HAMMER TYPE Manual		
 WL						RIG ATV FOREMAN Cody H.				DRILLING METHOD Mud Rotary		

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-28		SHEET 1 OF 1			
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER							
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL											
NORTHING				EASTING		STATION		<div style="display: flex; justify-content: space-between;"> <div> -○- CALIBRATED PENETROMETER TONS/FT² ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% _____ </div> <div> PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% ✕ ● △ ⊗ STANDARD PENETRATION BLOWS/FT </div> </div>			
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"		
					BOTTOM OF CASING LOSS OF CIRCULATION 100% SURFACE ELEVATION 125 feet (Approx.)						
0					Topsoil Thickness [1.00"] (SP) FINE SAND, light gray to brown, moist, medium dense			125	3		
	S-1	SS	24	24	(SP) FINE SAND, dark gray to orange, moist to wet, medium dense				6		
	S-2	SS	24	24					10		
5	S-3	SS	24	24				120	15		
	S-4	SS	24	24	(SM) SILTY FINE SAND, black, wet, dense to very dense				5		
	S-5	SS	24	24					6		
10									6		
					(SP-SM) SAND WITH SILT, dark grayish brown to dark brown, wet, medium dense to dense				1		
	S-6	SS	18	18					4		
15									8		
	S-7	SS	18	8					13		
20									20		
					(SP) FINE SAND, grayish brown, wet, medium dense				45		
	S-8	SS	18	8					70		
25									31		
					(CL) LEAN CLAY WITH SAND, greenish gray, wet, very stiff				20		
	S-9	SS	18	10					30		
30									20		
					END OF BORING @ 30'			95	10		
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.											
WL 5 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/25/19			CAVE IN DEPTH						
WL(SHW) WL(ACR)		BORING COMPLETED 06/25/19			HAMMER TYPE Manual						
WL		RIG ATV FOREMAN Cody H.			DRILLING METHOD Mud Rotary						

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-29		SHEET 1 OF 1			
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER							
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL											
NORTHING				EASTING				STATION			
<div><div><div>DEPTH (FT)</div><div>0</div><div>5</div><div>10</div><div>15</div><div>20</div><div>25</div><div>30</div></div><div><div>SAMPLE NO.</div><div>S-1</div><div>S-2</div><div>S-3</div><div>S-4</div><div>S-5</div><div>S-6</div><div>S-7</div><div>S-8</div><div>S-9</div></div><div><div>SAMPLE TYPE</div><div>SS</div><div>SS</div><div>SS</div><div>SS</div><div>SS</div><div>SS</div><div>SS</div><div>SS</div><div>SS</div></div><div><div>SAMPLE DIST. (IN)</div><div>24</div><div>24</div><div>24</div><div>24</div><div>11</div><div>18</div><div>18</div><div>18</div><div>18</div></div><div><div>RECOVERY (IN)</div><div>24</div><div>24</div><div>24</div><div>24</div><div>11</div><div>12</div><div>10</div><div>7</div><div>17</div></div></div> <div><div>DESCRIPTION OF MATERIAL</div><div>ENGLISH UNITS</div><div>BOTTOM OF CASING</div><div>LOSS OF CIRCULATION</div><div>SURFACE ELEVATION</div><div>125 feet (Approx.)</div><div>Topsoil Thickness [1.00"]</div><div>(SP-SM) FINE SAND WITH SILT, gray to dark gray, moist, loose to medium dense</div><div>(SP) FINE SAND, orange, wet, loose</div><div>(SP) FINE SAND, light gray to dark brown, wet, dense</div><div>(SM) SILTY FINE SAND, black, wet, very dense</div><div>(SP-SM) FINE SAND WITH SILT, dark brown to dark grayish brown, wet, dense to very dense</div><div>(SP-SM) FINE SAND WITH SILT, dark grayish brown, wet, medium dense</div><div>(CL) LEAN CLAY WITH SAND, greenish gray, wet, very stiff</div><div>END OF BORING @ 30'</div></div> <div><div>WATER LEVELS</div><div>ELEVATION (FT)</div><div>125</div><div>120</div><div>115</div><div>110</div><div>105</div><div>100</div><div>95</div></div> <div><div>BLOWS/6"</div><div>3</div><div>3</div><div>9</div><div>7</div><div>5</div><div>4</div><div>2</div><div>5</div><div>10</div><div>10</div><div>25</div><div>25</div><div>30</div><div>35</div><div>50/5</div><div>15</div><div>20</div><div>15</div><div>30</div><div>29</div><div>21</div><div>6</div><div>7</div><div>7</div><div>6</div><div>8</div><div>8</div></div>											

CALIBRATED PENETROMETER TONS/FT²

ROCK QUALITY DESIGNATION & RECOVERY

RQD% - - - REC% - - -

PLASTIC LIMIT%

WATER CONTENT%

LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5

WS

WD

BORING STARTED 06/25/19

CAVE IN DEPTH

WL(SHW)

WL(ACR)

BORING COMPLETED 06/25/19

HAMMER TYPE Manual

WL

RIG ATV FOREMAN Cody H.

DRILLING METHOD Mud Rotary

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-30		SHEET 1 OF 1			
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER							
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL											
NORTHING				EASTING		STATION		○ CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% _____ PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% ✕ ● ▲ ⊗ STANDARD PENETRATION BLOWS/FT			
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"		
					BOTTOM OF CASING LOSS OF CIRCULATION 100% SURFACE ELEVATION 125 feet (Approx.)						
0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP-SM) FINE SAND WITH SILT, dark gray to brownish gray, moist to wet, loose			125	2		
	S-2	SS	24	24					4		
	S-3	SS	10	10	(SP-SM) FINE SAND WITH SILT, grayish brown, wet, very dense			120	5		
5	S-4	SS	24	24	(SM) SILTY FINE SAND, dark brown, wet, very dense				25		
	S-5	SS	5	5	(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark brown, wet, very dense, slightly cemented			115	50/4		
					(SP-SM) MEDIUM SAND WITH SILT, dark brown, wet, very dense				30		
10	S-6	SS	11	11					40		
					(SP-SM) MEDIUM SAND WITH SILT, dark brown, wet, very dense				49		
	S-7	SS	18	7					48		
15					(SP) FINE SAND, brown, wet, dense				50/5		
	S-8	SS	18	14					34		
20					(CL) SANDY LEAN CLAY, gray, wet, very stiff, with phosphate fragments				50/5		
	S-9	SS	18	16					27		
25									35		
									42		
30									10		
									20		
									12		
									5		
									8		
									8		
					END OF BORING @ 30'						
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.											
WL 3		WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/25/19			CAVE IN DEPTH				
WL(SHW)		WL(ACR)		BORING COMPLETED 06/25/19			HAMMER TYPE Manual				
WL				RIG ATV FOREMAN Cody H.			DRILLING METHOD Mud Rotary				

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-31		SHEET 1 OF 1		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING					EASTING					STATION					CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% _____ PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% STANDARD PENETRATION BLOWS/FT				

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING	LOSS OF CIRCULATION		
0					SURFACE ELEVATION 125 feet (Approx.)			
0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP) FINE SAND, light gray to dark brown, moist to wet, very loose to loose		125	3
1	S-2	SS	24	24			124	4
2							123	5
3	S-3	SS	24	24	(SP-SM) FINE SAND WITH SILT, grayish brown, wet, very loose		122	6
4							121	7
5	S-4	SS	24	24	(SM) SILTY FINE TO MEDIUM SAND, black, wet, medium dense		120	8
6							119	9
7							118	10
8	S-5	SS	24	14	(SP-SM) SAND WITH SILT, dark brown, wet, very dense		117	11
9							116	12
10							115	13
11					(SM) SILTY FINE TO MEDIUM SAND, black, wet, medium dense to very dense		114	14
12							113	15
13	S-6	SS	18	14			112	16
14							111	17
15							110	18
16							109	19
17							108	20
18							107	21
19	S-7	SS	11	11			106	22
20							105	23
21							104	24
22							103	25
23							102	26
24							101	27
25	S-8	SS	18	6	(SP) FINE SAND, light brown, saturated, loose		100	28
26							99	29
27							98	30
28							97	31
29							96	32
30	S-9	SS	18	17	(CL) SANDY LEAN CLAY, greenish gray, wet, very stiff		95	33
31							94	34
32							93	35
33							92	36
34							91	37
35							90	38
36							89	39
37							88	40
38							87	41
39							86	42
40							85	43
41							84	44
42							83	45
43							82	46
44							81	47
45							80	48
46							79	49
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93							32	96
94							31	97
95							30	98
96							29	99
97							28	100
98							27	101
99							26	102
100							25	103
101							24	104
102							23	105
103							22	106
104							21	107
105							20	108
106							19	109
107							18	110
108							17	111
109							16	112
110							15	113
111							14	114
112							13	115
113							12	116
114							11	117
115							10	118
116							9	119
117							8	120
118							7	121
119							6	122
120							5	123
121							4	124
122							3	125
123							2	126
124							1	127
125							0	128

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.									
WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>			BORING STARTED 06/27/19			CAVE IN DEPTH			
WL(SHW) WL(ACR) <input checked="" type="checkbox"/>			BORING COMPLETED 06/27/19			HAMMER TYPE Manual			
WL			RIG ATV FOREMAN Cody H.			DRILLING METHOD Mud Rotary			

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-32		SHEET 1 OF 1		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING					EASTING					STATION				
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DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION 100%			
					SURFACE ELEVATION 125 feet (Approx.)			

0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP) FINE SAND, light gray to brown, moist to wet, very loose to loose	125	4
	S-2	SS	24	24			4
5	S-3	SS	24	24	(SP) FINE SAND, trace silt, grayish brown, wet, loose	120	2
	S-4	SS	24	24	(SM) SILTY FINE SAND, black, wet, medium dense		2
	S-5	SS	24	24	(SP-SM) SAND WITH SILT, dark reddish brown, wet, very dense		1
10							3
					(SM) SILTY FINE TO MEDIUM SAND, black, wet, medium dense		3
15	S-6	SS	18	18		110	7
							7
					(SM) SILTY MEDIUM SAND, black, wet, very dense		9
20	S-7	SS	5	5		105	25
							20
					(SP) FINE SAND, light brown, saturated, medium dense		30
25	S-8	SS	18	4		100	40
							15
					(CL) LEAN CLAY WITH SAND, greenish gray, wet, very stiff		9
30	S-9	SS	18	18		95	10
					END OF BORING @ 30'		10

CALIBRATED PENETROMETER TONS/FT²
 ROCK QUALITY DESIGNATION & RECOVERY
 RQD% - - - REC% _____
 PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%
 STANDARD PENETRATION BLOWS/FT

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.			
WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>	BORING STARTED 06/27/19	CAVE IN DEPTH	
WL(SHW) WL(ACR)	BORING COMPLETED 06/27/19	HAMMER TYPE Manual	
WL	RIG ATV FOREMAN Cody H.	DRILLING METHOD Mud Rotary	

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-33		SHEET 1 OF 1		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING					EASTING					STATION				
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
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION 100% SURFACE ELEVATION 125 feet (Approx.)			
0					Topsoil Thickness [1.00"]		125	2
	S-1	SS	24	24	(SP) FINE SAND, orangish brown, moist, loose			5
	S-2	SS	24	18	(SP-SM) FINE SAND WITH SILT, dark grayish brown, moist to wet, very loose			4
	S-3	SS	21	6	(SP-SM) FINE SAND WITH SILT, reddish brown, wet, very dense		120	2
5	S-4	SS	5	5				2
	S-5	SS	11	11	(SM) SILTY FINE SAND, black, wet, very dense			2
								2
10					(SM) SILTY FINE SAND, black, wet, very dense, slightly cemented			2
	S-6	SS	9	9				2
								5
15					(SP-SM) FINE SAND WITH SILT, dark reddish brown, wet, dense			15
	S-7	SS	18	9			105	16
								17
20					(SP) FINE SAND, light brown, wet, medium dense			9
	S-8	SS	18	4			100	11
								9
25					(CL) SANDY LEAN CLAY, gray, wet, stiff, calcareous			4
	S-9	SS	18	9			95	6
30					END OF BORING @ 30'			4

ROCK QUALITY DESIGNATION & RECOVERY
RQD% - - - REC% _____

PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.									
WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/28/19		CAVE IN DEPTH					
WL(SHW) WL(ACR)		BORING COMPLETED 06/28/19		HAMMER TYPE Manual					
WL		RIG ATV FOREMAN Cody H.		DRILLING METHOD Mud Rotary					

CLIENT Eisenhower Property Group		Job #: 41:2512	BORING # B-34	SHEET 1 OF 1				
PROJECT NAME 208 Holdings Riverview Property		ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL								
NORTHING		EASTING		STATION				
<div> <div> <div>○</div> <div>CALIBRATED PENETROMETER TONS/FT²</div> </div> <div> <div>ROCK QUALITY DESIGNATION & RECOVERY</div> <div>RQD% --- REC% ---</div> </div> <div> <div>PLASTIC LIMIT%</div> <div>WATER CONTENT%</div> <div>LIQUID LIMIT%</div> </div> <div> <div>×</div> <div>STANDARD PENETRATION BLOWS/FT</div> </div> </div>								
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	<div>DESCRIPTION OF MATERIAL</div> <div>ENGLISH UNITS</div> <div>BOTTOM OF CASING </div> <div>LOSS OF CIRCULATION </div> <div>SURFACE ELEVATION 121 feet (Approx.)</div>	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	18	Topsoil Thickness [1.00"] (SP) FINE SAND, light brown, wet, loose		120	2 2 3 4 4 6 3 4 10 11 35 50/5 50/4
	S-2	SS	24	24	(SP-SM) FINE SAND WITH SILT, grayish brown, wet, loose			9
5	S-3	SS	23	23	(SP-SM) FINE SAND WITH SILT, dark brown, wet, very dense		115	46 50/4
	S-4	SS	4	4	(SP-SM) FINE SAND WITH SILT, dark reddish brown, wet, very dense			50/3
	S-5	SS	9	9				50/4
10					(SP-SM) FINE SAND WITH SILT, dark brown, wet, very dense		110	
	S-6	SS	10	10				50/4
15					(SP-SM) FINE SAND WITH SILT, dark reddish brown, wet, dense		105	
	S-7	SS	18	4				37
20					(SP) MEDIUM TO COARSE SAND, light brown, wet, medium dense		100	
	S-8	SS	18	9				15
25					(CL) SANDY LEAN CLAY, greenish gray, wet, firm		95	
	S-9	SS	18	9				6
30	END OF BORING @ 30'							
<div> <div>THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.</div> <div> <div>WL 3</div> <div>WS <input type="checkbox"/></div> <div>WD <input checked="" type="checkbox"/></div> </div> <div> <div>BORING STARTED</div> <div>06/28/19</div> </div> <div>CAVE IN DEPTH</div> </div>								
<div> <div>WL(SHW)</div> <div>WL(ACR)</div> </div> <div> <div>BORING COMPLETED</div> <div>06/28/19</div> </div> <div>HAMMER TYPE Manual</div>								
<div> <div>WL</div> <div>RIG ATV</div> <div>FOREMAN Cody H.</div> </div> <div>DRILLING METHOD Mud Rotary</div>								

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-35		SHEET 1 OF 1		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										
NORTHING				EASTING		STATION		—○— CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% — — — REC% — — — PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% ✕ ————— ● ————— △ ⊗ STANDARD PENETRATION BLOWS/FT		
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"	
					BOTTOM OF CASING LOSS OF CIRCULATION 100% SURFACE ELEVATION 121 feet (Approx.)					
0	S-1	SS	24	18	Topsoil Thickness [1.00"] (SP-SM) FINE SAND WITH SILT, dark reddish brown, moist, loose			120	2	
	S-2	SS	24	18	(SP) FINE SAND, light brown, moist to wet, loose				3	
5	S-3	SS	24	12	(SM) SILTY FINE TO MEDIUM SAND, black, wet, medium dense				2	
	S-4	SS	24	24	(SM) SILTY FINE SAND, black, saturated, medium dense to very dense			115	4	
	S-5	SS	16	16					4	
10					(SP-SM) FINE SAND WITH SILT, dark brown, wet, medium dense			110	7	
	S-6	SS	18	15					11	
15					(SP-SM) MEDIUM SAND WITH SILT, dark brown, wet, medium dense			105	13	
	S-7	SS	18	9					9	
20					(SP-SM) FINE SAND WITH SILT, dark brown, wet, loose			100	6	
	S-8	SS	18	9					6	
25					(CL) SANDY LEAN CLAY, greenish gray, wet, stiff			95	5	
	S-9	SS	18	15					25	
30					END OF BORING @ 30'					50/4
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.										
WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/28/19		CAVE IN DEPTH						
WL(SHW) WL(ACR)		BORING COMPLETED 06/28/19		HAMMER TYPE Manual						
WL		RIG ATV FOREMAN Cody H.		DRILLING METHOD Mud Rotary						

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-36		SHEET 1 OF 1		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING					EASTING					STATION				
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DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION >100%			
					SURFACE ELEVATION 121 feet (Approx.)			

<div style="display: flex; justify-content: space-between;"> <div> <p>Topsoil Thickness [1.00"]</p> <p>(SP) FINE SAND, trace silt, grayish brown, moist, loose</p> <p>(SP-SM) FINE SAND WITH SILT, dark brown, moist to wet, loose to medium dense</p> <p>(SP-SM) FINE SAND WITH SILT, black, wet, medium dense to very dense</p> <p>(SP-SM) FINE TO MEDIUM SAND WITH SILT, brown, wet, medium dense</p> <p>(SP) FINE SAND, trace gravel, light brown, saturated, loose</p> <p>(CL) SANDY LEAN CLAY, greenish gray, wet, stiff, with phosphate fragments</p> </div> <div style="text-align: right;"> <p>120</p> <p>115</p> <p>110</p> <p>105</p> <p>100</p> <p>95</p> </div> </div>								
0	S-1	SS	24	24				
	S-2	SS	24	24				
5	S-3	SS	24	24				
	S-4	SS	24	24				
	S-5	SS	11	11				
10								
	S-6	SS	18	17				
15								
	S-7	SS	18	17				
20								
	S-8	SS	18	2				
25								
	S-9	SS	18	15				
30	END OF BORING @ 30'							

CALIBRATED PENETROMETER TONS/FT²
 ROCK QUALITY DESIGNATION & RECOVERY
 RQD% - - - REC% _____
 PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%
 STANDARD PENETRATION BLOWS/FT

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.									
WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/28/19		CAVE IN DEPTH					
WL(SHW) WL(ACR)		BORING COMPLETED 06/28/19		HAMMER TYPE Manual					
WL		RIG ATV FOREMAN Cody H.		DRILLING METHOD Mud Rotary					

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-37		SHEET 1 OF 1		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										
NORTHING				EASTING		STATION		—○— CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% — — — REC% — — — PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% X ————— ● ————— △ ⊗ STANDARD PENETRATION BLOWS/FT		
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"	
					BOTTOM OF CASING LOSS OF CIRCULATION >100% SURFACE ELEVATION 123 feet (Approx.)					
0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP) FINE SAND, light brown to white, moist, loose to medium dense			120	5- 11- 2- 2- 2- 4- 7- 8- 9- 11- 13- 15- 25- 35- 50/3	
5	S-2	SS	24	24	(SM) SILTY FINE SAND, black, wet, medium dense				85/9	
	S-3	SS	24	18	(SP) FINE SAND, reddish brown, wet, very dense				50/4	
	S-4	SS	15	15	(SP-SM) FINE SAND WITH SILT, dark reddish brown, wet, medium dense to very dense			115	25 50/4	
	S-5	SS	10	10				110	9 9 10	
10									19-	
	S-6	SS	18	15	(SP-SM) FINE SAND WITH SILT, dark reddish brown, wet, medium dense			105	17-	
15									8 8 9	
	S-7	SS	18	18	(SP) FINE SAND, light brown, wet, loose			100	3 4 4	
20									8-	
	S-8	SS	18	4	(SC) CLAYEY FINE TO MEDIUM SAND, grayish green, wet, medium dense			95	6 5 6	
25									11-	
30	S-9	SS	18	15	END OF BORING @ 30'					
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.										
WL 3		WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/28/19		CAVE IN DEPTH				
WL(SHW)		WL(ACR)		BORING COMPLETED 06/28/19		HAMMER TYPE Manual				
WL		RIG ATV		FOREMAN Cody H.		DRILLING METHOD Mud Rotary				

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-38		SHEET 1 OF 1		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										
NORTHING				EASTING		STATION		○ CALIBRATED PENETROMETER TONS/FT ² ROCK QUALITY DESIGNATION & RECOVERY RQD% - - - REC% _____ PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT% ✕ ● ▲ ⊗ STANDARD PENETRATION BLOWS/FT		
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)	BLOWS/6"	
					BOTTOM OF CASING LOSS OF CIRCULATION 100% SURFACE ELEVATION 124 feet (Approx.)					
0	S-1	SS	24	24	Topsoil Thickness [1.00"] (SP-SM) FINE SAND WITH SILT, dark reddish brown, moist, medium dense				4	
	S-2	SS	24	24	(SP-SM) FINE SAND WITH SILT, dark brown, moist to wet, medium dense				5	
	S-3	SS	21	21	(SP-SM) FINE SAND WITH SILT, dark brown, wet, medium dense			120	7	
5	S-4	SS	5	5	(SP-SM) FINE SAND WITH SILT, dark brown, saturated, very dense, cemented				5	
	S-5	SS	24	24	(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark brown, wet, very dense, cemented			115	3	
10					(SM) SILTY FINE TO MEDIUM SAND, black, wet, very dense				29	
	S-6	SS	16	16				110	50/3	
15					(SP-SM) FINE TO MEDIUM SAND WITH SILT, dark brown, wet, very dense				50/5	
	S-7	SS	10	10				105	21	
20					(CL) SANDY LEAN CLAY, light grayish brown, wet, firm, with limestone fragments				33	
	S-8	SS	18	15				100	39	
25					(CL) LEAN CLAY WITH SAND, greenish gray, wet, soft, with phosphate fragments				42	
	S-9	SS	18	18				95	15	
30					END OF BORING @ 30'				31	
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.										
WL 3		WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>		BORING STARTED 06/28/19		CAVE IN DEPTH				
WL(SHW)		WL(ACR)		BORING COMPLETED 06/28/19		HAMMER TYPE Manual				
WL		RIG ATV		FOREMAN Cody H.		DRILLING METHOD Mud Rotary				

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-39		SHEET 1 OF 1		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING					EASTING					STATION				
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DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION			
					SURFACE ELEVATION 125 feet (Approx.)			

<div style="display: flex; justify-content: space-between;"> <div> <p>Topsoil Thickness [1.00"]</p> <p>(SP) FINE SAND, light brown, moist, loose</p> <p>(SP-SM) FINE SAND WITH SILT, dark brown, moist to wet, loose to medium dense</p> <p>(SM) SILTY FINE SAND, black, wet, medium dense to very dense</p> <p>(SP-SM) FINE SAND WITH SILT, dark brown to dark grayish brown, wet, loose to dense</p> <p>(SC) CLAYEY FINE TO MEDIUM SAND, greenish gray, wet, loose, with phosphate fragments.</p> </div> <div style="border-left: 1px solid black; height: 100%; width: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></div> </div>								
END OF BORING @ 30'								

CALIBRATED PENETROMETER TONS/FT²
 ROCK QUALITY DESIGNATION & RECOVERY
 RQD% - - - REC% _____
 PLASTIC LIMIT% WATER CONTENT% LIQUID LIMIT%
 STANDARD PENETRATION BLOWS/FT

Depth (ft)	Blows/6"
2	5
3	10
4	14
5	25
6	74
7	10
8	34
9	11
10	10
11	10

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>	BORING STARTED 06/28/19	CAVE IN DEPTH
WL(SHW) WL(ACR)	BORING COMPLETED 06/28/19	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Cody H.	DRILLING METHOD Mud Rotary

CLIENT Eisenhower Property Group				Job #: 41:2512		BORING # B-40		SHEET 1 OF 1		
PROJECT NAME 208 Holdings Riverview Property				ARCHITECT-ENGINEER						
SITE LOCATION Balm Riverview Road and County Road 672, Balm, Hillsborough County, FL										

NORTHING					EASTING					STATION				
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DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	ENGLISH UNITS	WATER LEVELS ELEVATION (FT)	BLOWS/6"
					BOTTOM OF CASING LOSS OF CIRCULATION 100%			
					SURFACE ELEVATION 121 feet (Approx.)			

0	S-1	SS	24	18	(SP-SM) FINE SAND WITH SILT, dark orange, moist, medium dense (SP) FINE SAND, grayish brown, moist to wet, very loose	120	3	
	S-2	SS	24	18			6	
	S-3	SS	20	20	(SP-SM) FINE SAND WITH SILT, dark brown to reddish brown, wet, medium dense to very dense		6	
5	S-4	SS	11	6			3	2
						2	11	
	S-5	SS	24	12		1	6	
						40	50/2	
						50/2	32	
						50/5	50/5	
10						20		
	S-6	SS	18	9		26		
						32		
						32		
15								
					(SP) MEDIUM SAND, brown, wet, medium dense		5	
	S-7	SS	18	5			5	9
						105		
20							7	
							12	
							15	
					(CL) LEAN CLAY WITH SAND, greenish gray, wet, firm to stiff			
	S-8	SS	18	18				
25							4	
							4	
							6	
	S-9	SS	18	18				
							1	
							2	
30							3	

END OF BORING @ 30'

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.									
WL 3 WS <input type="checkbox"/> WD <input checked="" type="checkbox"/>			BORING STARTED 06/28/19			CAVE IN DEPTH			
WL(SHW) WL(ACR)			BORING COMPLETED 06/28/19			HAMMER TYPE Manual			
WL			RIG ATV FOREMAN Justin M.			DRILLING METHOD Mud Rotary			

SOIL CLASSIFICATION LEGEND

GW - WELL GRADED GRAVEL	GC - CLAYEY GRAVEL	CL - LOW PLASTICITY CLAY	SP - POORLY GRADED SAND	OH - HIGH PLASTICITY ORGANIC SILTS AND CLAYS	WR - WEATHERED ROCK	FILL
GM - SILTY GRAVEL	SW - WELL GRADED SAND	MH - HIGH PLASTICITY SILT	SC - CLAYEY SAND	OL - LOW PLASTICITY ORGANIC SILTS AND CLAY	PWR - PARTIALLY WEATHERED ROCK	POSSIBLE FILL
GP - POORLY GRADED GRAVEL	ML - LOW PLASTICITY SILT	SM - SILTY SAND	CH - HIGH PLASTICITY CLAY	PT - PEAT		PROBABLE FILL

SURFACE MATERIALS

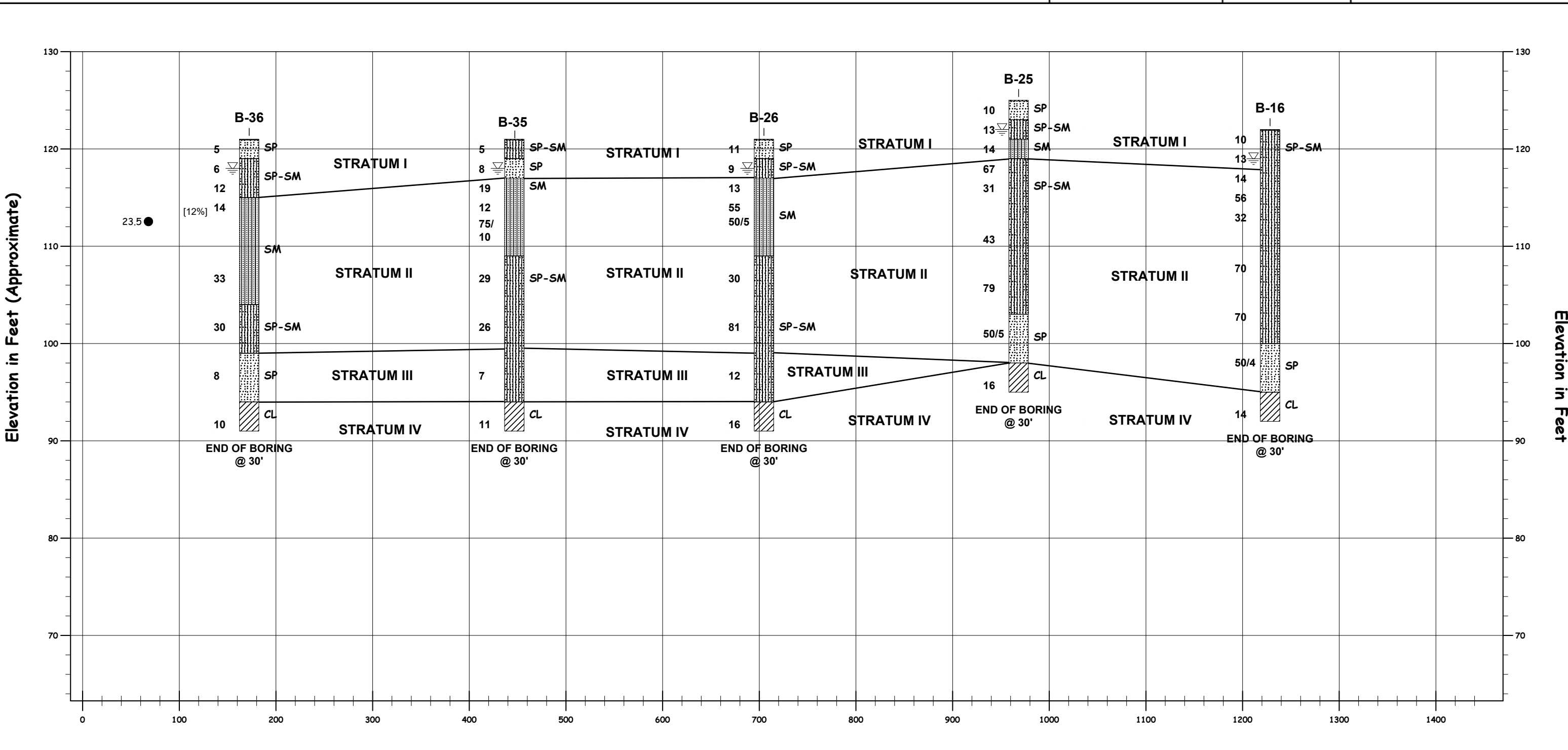
TOPSOIL	CONCRETE
ASPHALT	VOID
GRAVEL	

ROCK TYPES

IGNEOUS
METAMORPHIC
SEDIMENTARY

SYMBOL LEGEND

WATER LEVEL - DURING DRILLING/SAMPLING
WATER LEVEL - SEASONAL, HIGH WATER
WATER LEVEL - AFTER CASING REMOVAL
WATER LEVEL - AFTER 24 HOURS
PLASTIC LIMIT% WATER % PASSING #200 SIEVE [88%] LIQUID LIMIT%



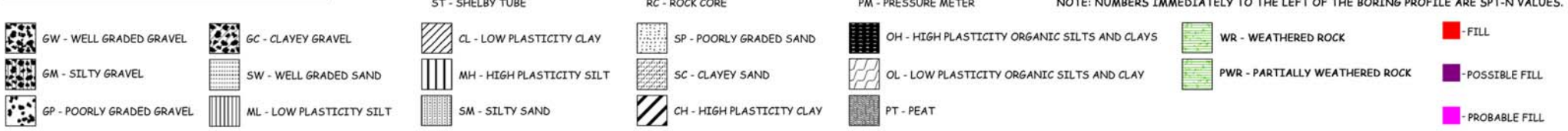
NOTES:
 1 SEE INDIVIDUAL BORING LOG AND GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
 2 PENETRATION TEST RESISTANCE IN BLOWS PER FOOT (ASTM D1586).
 3 ELEVATIONS ARE APPROXIMATE



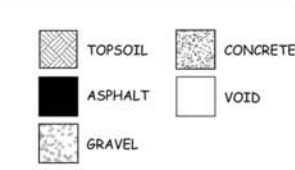
Subsurface Soil Profile A-A'

208 Holdings Riverview Property
 Eisenhower Property Group
 Balm Riverview Road and County Road 672, Balm,
 PROJECT NO.: 2512 DATE: 7/9/2019 VERTICAL SCALE: 1"=10'

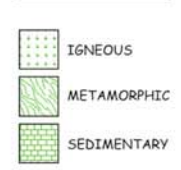
SOIL CLASSIFICATION LEGEND



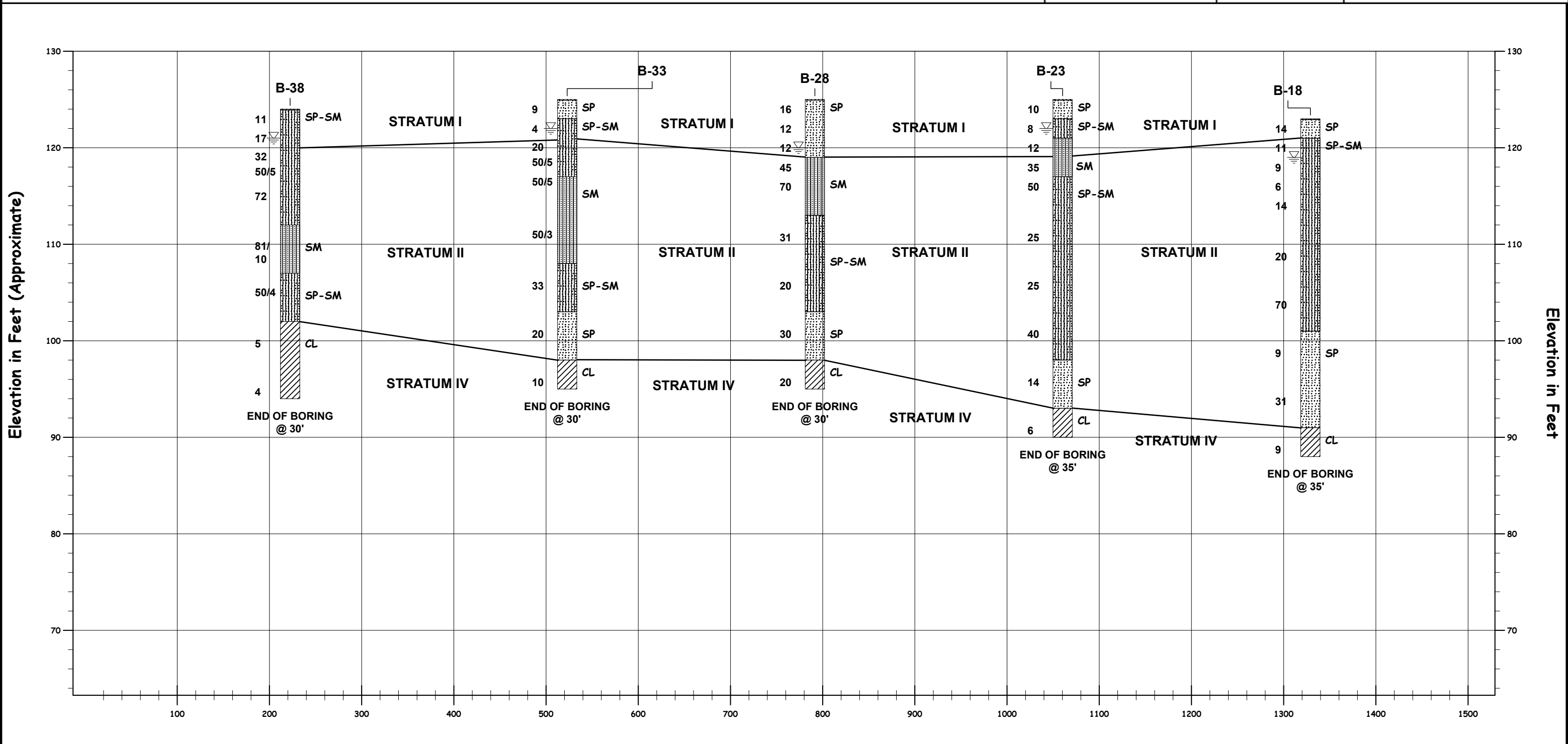
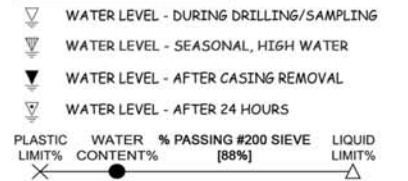
SURFACE MATERIALS



ROCK TYPES



SYMBOL LEGEND



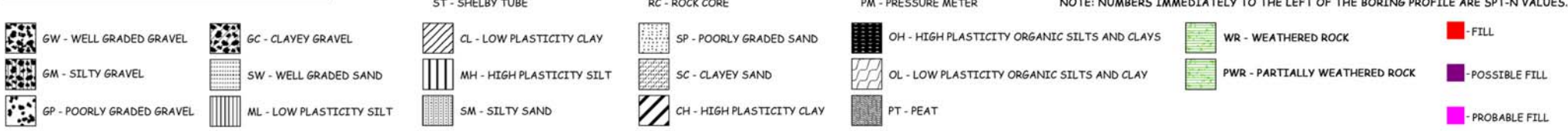
NOTES:
1 SEE INDIVIDUAL BORING LOG AND GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
2 PENETRATION TEST RESISTANCE IN BLOWS PER FOOT (ASTM D1586).
3 ELEVATIONS ARE APPROXIMATE



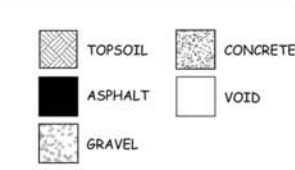
Subsurface Soil
Profile B-B'

208 Holdings Riverview Property
Eisenhower Property Group
Balm Riverview Road and County Road 672, Balm,
PROJECT NO.: 2512 DATE: 7/9/2019 VERTICAL SCALE: 1"=10'

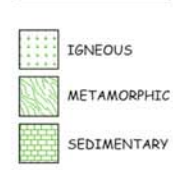
SOIL CLASSIFICATION LEGEND



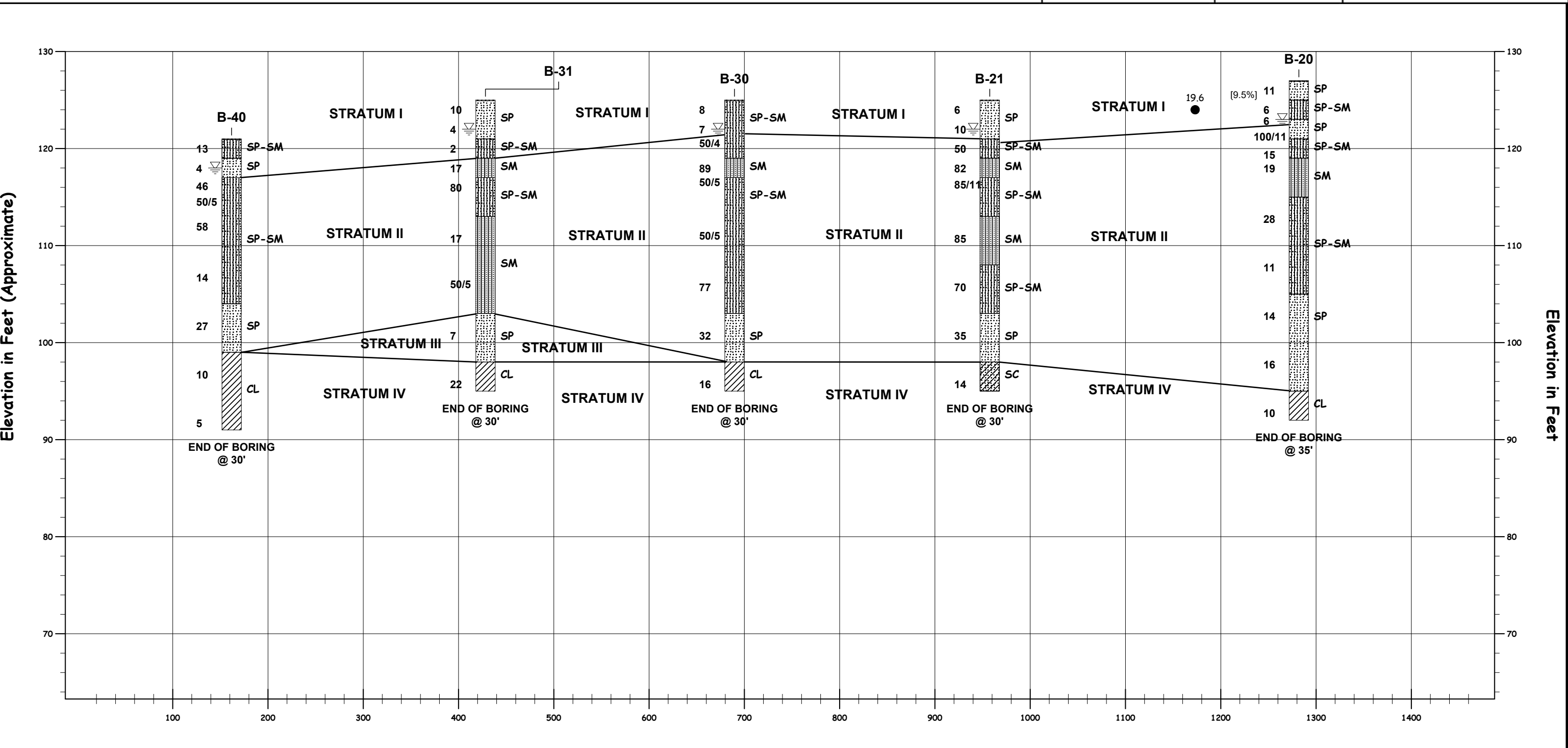
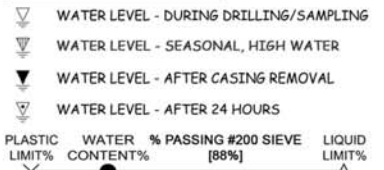
SURFACE MATERIALS



ROCK TYPES



SYMBOL LEGEND



NOTES:
1 SEE INDIVIDUAL BORING LOG AND GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
2 PENETRATION TEST RESISTANCE IN BLOWS PER FOOT (ASTM D1586).
3 ELEVATIONS ARE APPROXIMATE

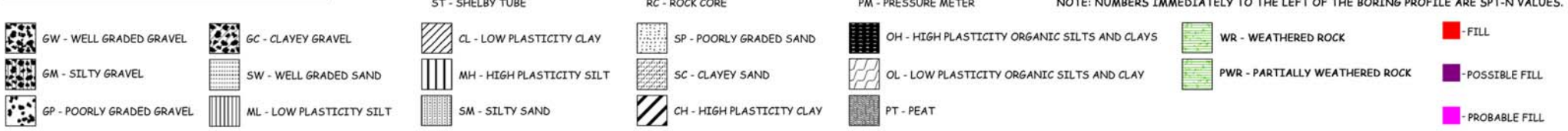


Subsurface Soil Profile C-C'

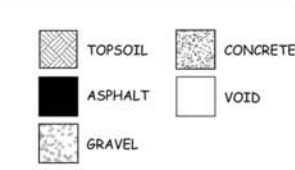
208 Holdings Riverview Property
Eisenhower Property Group
Balm Riverview Road and County Road 672, Balm,

PROJECT NO.: 2512 DATE: 7/9/2019 VERTICAL SCALE: 1"=10'

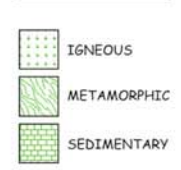
SOIL CLASSIFICATION LEGEND



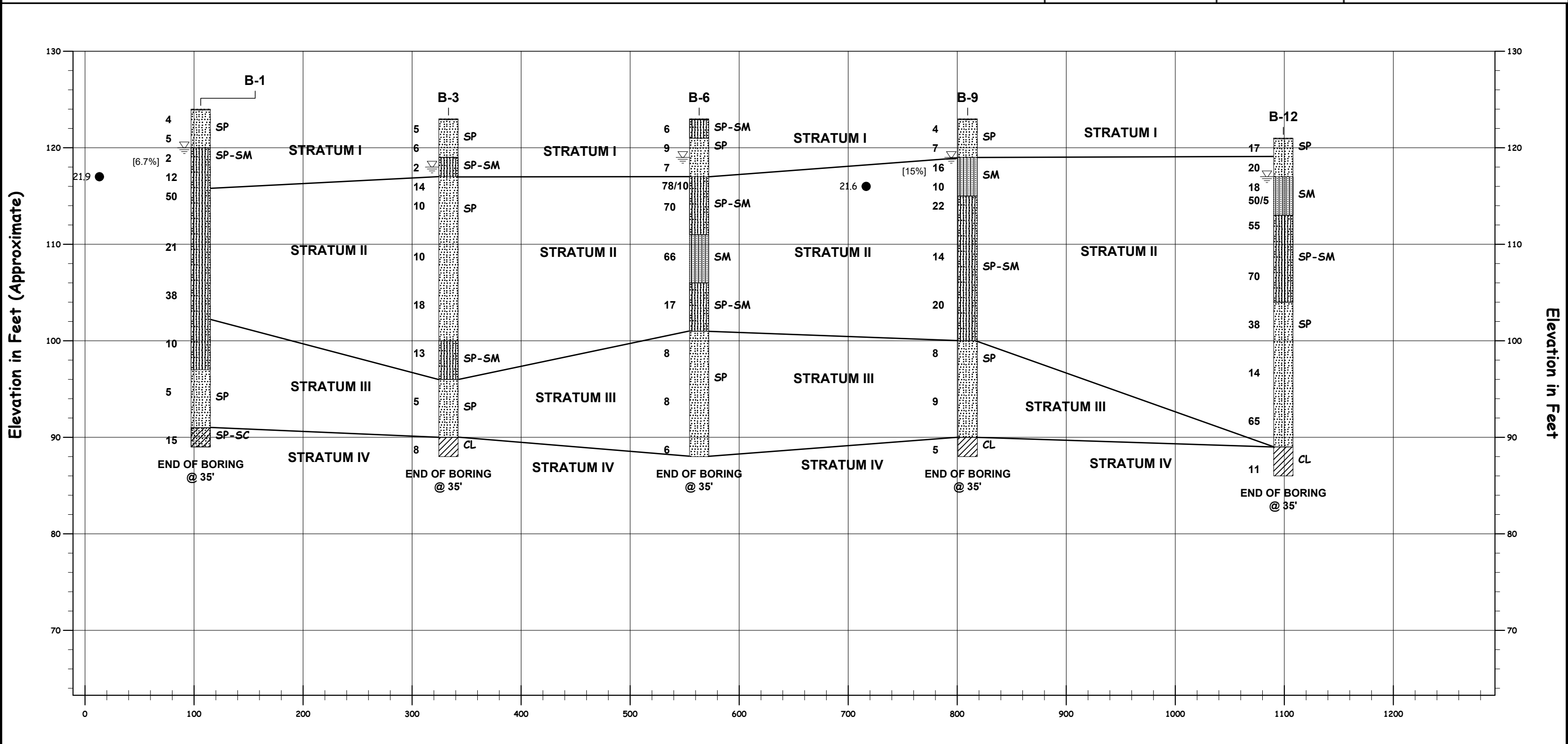
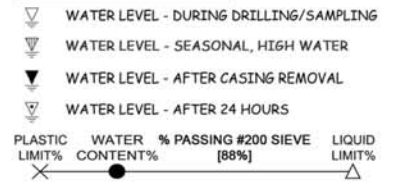
SURFACE MATERIALS



ROCK TYPES



SYMBOL LEGEND



NOTES:
1 SEE INDIVIDUAL BORING LOG AND GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
2 PENETRATION TEST RESISTANCE IN BLOWS PER FOOT (ASTM D1586).
3 ELEVATIONS ARE APPROXIMATE



Subsurface Soil
Profile D-D'

208 Holdings Riverview Property
Eisenhower Property Group
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PROJECT NO.: 2512 DATE: 7/9/2019 VERTICAL SCALE: 1"=10'

SOIL CLASSIFICATION LEGEND

GW - WELL GRADED GRAVEL	GC - CLAYEY GRAVEL	CL - LOW PLASTICITY CLAY	RC - ROCK CORE	PM - PRESSURE METER	NOTE: NUMBERS IMMEDIATELY TO THE LEFT OF THE BORING PROFILE ARE SPT-N VALUES.	WR - WEATHERED ROCK	- FILL
GM - SILTY GRAVEL	SW - WELL GRADED SAND	MH - HIGH PLASTICITY SILT	SP - POORLY GRADED SAND	OH - HIGH PLASTICITY ORGANIC SILTS AND CLAYS		PWR - PARTIALLY WEATHERED ROCK	- POSSIBLE FILL
GP - POORLY GRADED GRAVEL	ML - LOW PLASTICITY SILT	SM - SILTY SAND	SC - CLAYEY SAND	OL - LOW PLASTICITY ORGANIC SILTS AND CLAY			- PROBABLE FILL
			CH - HIGH PLASTICITY CLAY	PT - PEAT			

SURFACE MATERIALS

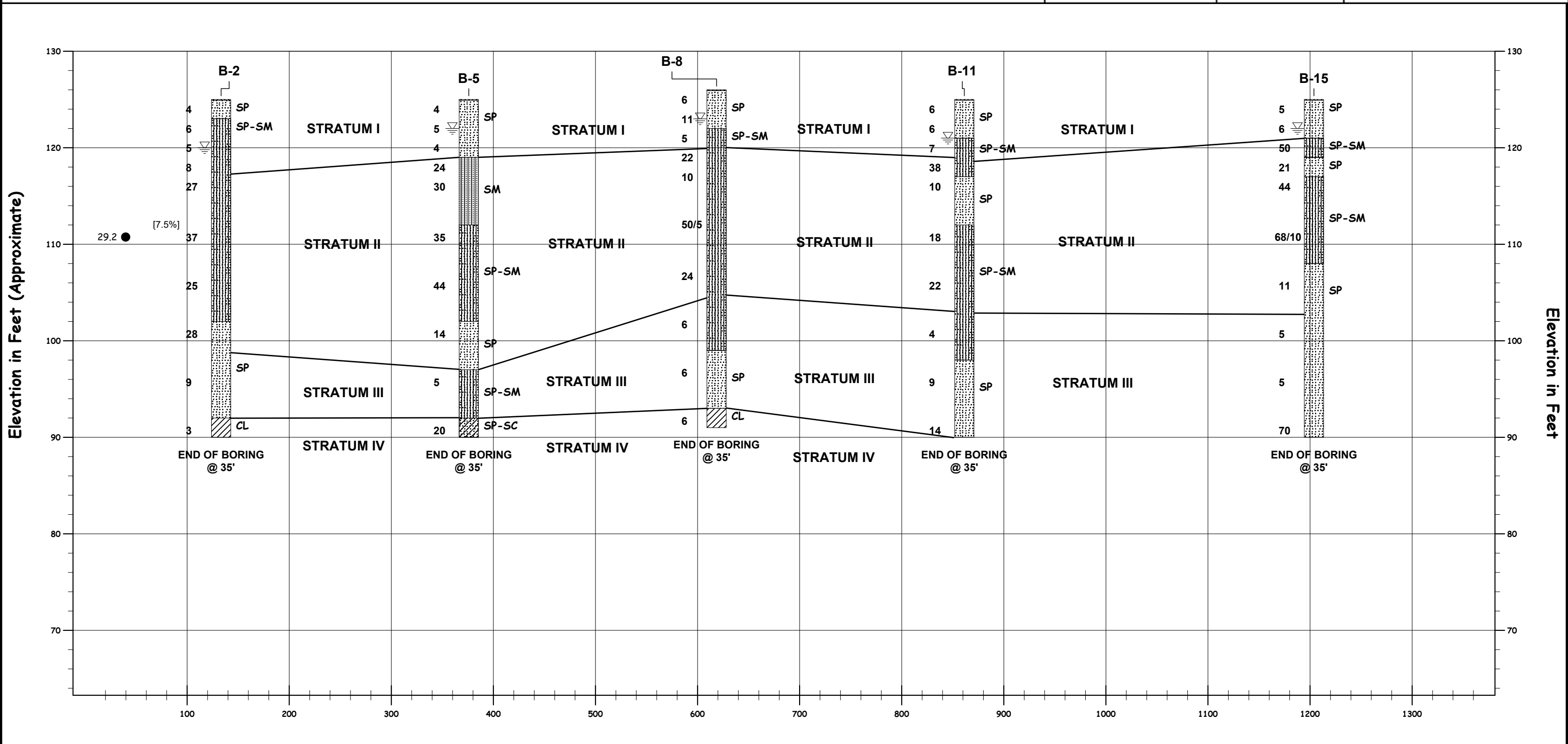
TOPSOIL	CONCRETE
ASPHALT	VOID
GRAVEL	

ROCK TYPES

IGNEOUS
METAMORPHIC
SEDIMENTARY

SYMBOL LEGEND

	WATER LEVEL - DURING DRILLING/SAMPLING
	WATER LEVEL - SEASONAL, HIGH WATER
	WATER LEVEL - AFTER CASING REMOVAL
	WATER LEVEL - AFTER 24 HOURS
	PLASTIC LIMIT%
	WATER CONTENT%
	% PASSING #200 SIEVE [88%]
	LIQUID LIMIT%



NOTES:
1 SEE INDIVIDUAL BORING LOG AND GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
2 PENETRATION TEST RESISTANCE IN BLOWS PER FOOT (ASTM D1586)
3 ELEVATIONS ARE APPROXIMATE



Subsurface Soil Profile E-E'

208 Holdings Riverview Property
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PROJECT NO.: 2512 DATE: 7/9/2019 VERTICAL SCALE: 1"=10'

APPENDIX C – Soil Suitability and Groundwater

Estimated Excavation Depth/Elevation for Soil Fill Suitability
Estimated Seasonal High Groundwater Table and Elevation

**Table 1: Estimated Excavation Depth/Elevation for Soil Fill Suitability**

Boring No.	*Approx. Elevation (feet)	Estmd Excavation Depth (ft.)	Estmd Excavation Elev (ft.)
B-1	124	33	91
B-2	125	33	92
B-3	123	33	90
B-4	123	33	90
B-5	125	33	92
B-6	123	35+	88
B-7	123	33	90
B-8	126	33	93
B-9	123	33	90
B-10	123	33	90
B-11	125	35+	98
B-12	121	33	88
B-13	123	33	90
B-14	125	35+	90
B-15	125	35+	98
B-16	122	27	95
B-17	124	33	91
B-18	123	33	90
B-19	125	33	92
B-20	127	33	94
B-21	125	27	98
B-22	125	33	92
B-23	123	33	90
B-24	124	27	97
B-25	125	27	98
B-26	121	27	94
B-27	123	27	96
B-28	125	27	98
B-29	125	27	98
B-30	125	27	98
B-31	125	27	98
B-32	125	27	98
B-33	125	27	98
B-34	121	27	94
B-35	121	27	94
B-36	121	27	94
B-37	123	27	96
B-38	124	22	102
B-39	125	27	98
B-40	121	22	99

**Elevations are approximate and should not be used for final design purposes*

**Table 2: Estimated Seasonal High Groundwater Table and Elevation**

Boring No.	*Approx. Elevation (ft.)	Estmd GWT Depth (ft.)	Groundwater Elevation (feet)	Estmd SHGWT Depth (ft.)	Estmd SHGWT Elev (ft.)
B-1	124	4	120	2.5	121.5
B-2	125	5	120	3.5	121.5
B-3	123	5	118	3.5	119.5
B-4	123	5	118	3.5	119.5
B-5	125	3	122	1.5	123.5
B-6	123	4	119	2.5	120.5
B-7	123	4	119	2.5	120.5
B-8	126	3	123	1.5	124.5
B-9	123	4	119	2.5	120.5
B-10	123	4	119	2.5	120.5
B-11	125	4	121	2.5	122.5
B-12	121	4	117	2.5	118.5
B-13	123	4	119	2.5	120.5
B-14	125	4	121	2.5	122.5
B-15	125	3	122	1.5	123.5
B-16	122	3	119	1.5	120.5
B-17	124	5	119	3.5	120.5
B-18	123	4	119	2.5	120.5
B-19	125	3	122	1.5	123.5
B-20	127	4	123	2.5	124.5
B-21	125	3	122	1.5	123.5
B-22	125	3	122	1.5	123.5
B-23	123	3	120	1.5	121.5
B-24	124	3	121	1.5	122.5
B-25	125	3	122	1.5	123.5
B-26	121	3	118	1.5	119.5
B-27	123	3	120	1.5	121.5
B-28	125	5	120	3.5	121.5
B-29	125	5	120	3.5	121.5
B-30	125	3	122	1.5	123.5
B-31	125	3	122	1.5	123.5
B-32	125	3	122	1.5	123.5
B-33	125	3	122	1.5	123.5
B-34	121	3	118	1.5	119.5
B-35	121	3	118	1.5	119.5
B-36	121	3	118	1.5	119.5
B-37	123	3	120	1.5	121.5
B-38	124	3	121	1.5	122.5
B-39	125	3	122	1.5	123.5
B-40	121	3	118	1.5	119.5

**Elevations are approximate and should not be used for final design purposes*

APPENDIX D – Laboratory Testing

Laboratory Testing Summary

Laboratory Testing Summary

Page 1 of 1

Sample Source	Sample Number	Start Depth (feet)	End Depth (feet)	Sample Distance (feet)	MC ¹ (%)	Soil Type ²	Atterberg Limits ³			Percent Passing No. 200 Sieve ⁴	Moisture - Density (Corr.) ⁵		CBR Value ⁶	Other
							LL	PL	PI		Maximum Density (pcf)	Optimum Moisture (%)		
B-1	S-4	6.0	8.0	2.0	21.9	SP-SM				6.7				
B-2	S-6	13.5	15.0	1.5	29.2	SP-SM				7.5				
B-7	S-3	4.0	6.0	2.0	31.5	SM				16				
B-9	S-4	6.0	8.0	2.0	21.6	SM				15				
B-20	S-2	2.0	4.0	2.0	19.6	SP-SM				9.5				
B-24	S-3	4.0	6.0	2.0	18.6	SP-SM				12				
B-32	S-3	4.0	6.0	2.0	20.3	SP				4.3				
B-36	S-5	8.0	8.9	0.9	23.5	SP-SM				12				

Notes:

1. ASTM D 2216, 2. ASTM D 2487, 3. ASTM D 4318, 4. ASTM D 1140, 5. See test reports for test method, 6. See test reports for test method

Definitions:

MC: Moisture Content, Soil Type: USCS (Unified Soil Classification System), LL: Liquid Limit, PL: Plastic Limit, PI: Plasticity Index, CBR: California Bearing Ratio, OC: Organic Content (ASTM D 2974)

Project No. 41:2512
Project Name: 208 Holdings Riverview Property
PM: Veronica DeFreitas
PE: Jose N Gomez
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