

Dynamic Earth, LLC 245 Main Street, Suite 110 Chester, NJ 07930 T. 908-879-7095

Date: May 26, 2023 Via email: justin.drysdale@brookfieldproperties.com lisa.lyng@brookfieldproperties.com

IV2 ROCKLAND LOGISTICS CENTER, LLC C/O BROOKFIELD PROPERTIES

1 Meadowlands Plaza, Suite 200 East Rutherford, New Jersey 07073

Attn: Justin Drysdale Lisa Lyng

RE: Supplemental Geotechnical Investigation Memo Summary Proposed Rockland Logistics Center 25 Old Mill Road & Hemion Road

Section 55.22, Block 1, Lot 1 Village of Suffern, Rockland County, New York Dynamic Earth No.: 370999004EC

Dear Mr. Drysdale and Ms. Lyng,

Dynamic Earth, LLC (Dynamic Earth) recently completed our supplemental subsurface evaluation for the subject site. Due to project timelines, the results of our investigation and potential recommendations are included in the following executive summary.

1.0 PROJECT DESCRIPTION

At the time of Dynamic Earth's supplemental investigation, the existing structure was in the process of being demolished and a remanent concrete slab still remained. The remaining portions of the site included undeveloped grass/landscaped areas, existing pavement areas, and wooded terrain. An aboveground basin/water feature was located within the central/southern portion of the subject site. Topographic information was provided on an August 16, 2021 *ALTA/NSPS Land Title Survey* prepared by Dynamic Survey, LLC. Existing site elevations range between approximately 365 feet within the southern portion of the site and 300 feet within the northern portion of the site. Elevations provided in this report are referenced to the 1988 North American Vertical Datum (NAVD88), unless otherwise noted.

Based on a May 24, 2023 (latest revision) *Overall Grading Plan* prepared by Dynamic Engineering Consultants, PC (Dynamic), the proposed site redevelopment will include the construction of three warehouse buildings and associated improvement, as generally summarized below:

- Proposed Building #1: Will be located within the central portion of the site and will occupy a footprint area of approximately 963,100 square feet. Earth fills on the order of four to nine feet are expected to achieve the proposed finished floor elevation of 315.5 feet.
- Proposed Building #2: Will be located within the southwestern portion of the site and will occupy a footprint area of approximately 170,500 square feet. Earth fills on the order of two to 15 feet are expected to achieve the proposed finished floor elevation of 320.0 feet.
- Proposed Building #3: Will be located within the southeastern portion of the site and will occupy a footprint area of approximately 88,200 square feet. Earth fills on the order of two to 12 feet are expected to achieve proposed finished floor elevation of 321.5 feet.
- > Additional site improvement include associated pavements, utilities, retaining walls, and stormwater management facilities.

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2.0 SCOPE OF SERVICES

Dynamic Earth was authorized to conduct the supplemental geotechnical investigation in accordance with our May 25, 2023 *Contract Amendment Request No.* 7 to Ms. Lisa Lyng of Brookfield Properties.

The scope of our supplemental exploration and analysis included site geological research and site evaluation, supplemental subsurface exploration, field testing and sampling, laboratory testing and geotechnical engineering analysis and evaluation of the subsurface materials. This letter is limited to addressing the site conditions as they relate to the physical support of the proposed construction for proposed Buildings 1, 2, and 3.

Dynamic Earth previously performed an investigation in support of proposed stormwater management facilities and the results were issued in an August 27, 2021 *Stormwater Basin Area Investigation Report*. Dynamic Earth also performed previous subsurface investigations for the former developer and the results were provided in a December 9, 2022 (Updated) *Report of Preliminary Geotechnical Investigation* and December 9, 2022 (Updated) *Stormwater Basin Area Investigation*. The results of these previous investigations are included herein as applicable.

Environmental conditions were evaluated by Dynamic Earth and the results of these evaluations were issued on a July 28, 2020 *Phase II Site Investigation report*, a June 10, 2022 *Hazardous Materials Survey*, and an October 11, 2022 *Asbestos Survey of Boils/Spray-On Fireproofing*.

2.1 Field Investigation

Field exploration of this supplemental investigation was conducted by the means of 24 soil borings (identified as borings B-101 through B-122 and two offset borings identified as B-107A and B-113A) and 27 structural test pits (identified as test pits TP-1 through TP-27). The soil borings were performed with both track- and truck- mounted drilling equipment and the test pits were performed with track-mounted excavators. Our scope of work also included performing ground penetrating radar to locate the existing waterline within the southern portion of the site. Our previous investigations included performing 12 soil borings (identified as borings B-1 through B-11 and offset locations B-8A), 29 soil profile pits (identified as SPP-101 through SPP-129), and 29 infiltration tests (identified as IT-1 through IT-29).

Soil borings and standard penetration tests (SPTs) were conducted in general accordance with ASTM D6151 (Standard Practice for Using Hollow-Stem Augers for Geotechnical Exploration and Soil Sampling) and ASTM D1586 (Standard Test Method for Standard Penetration Test and Split Barrel Sampling of Soils). The SPT resistance value (N) is used extensively in conjunction with may correlations which relate to blow count, or SPT N-value to engineering behavior of soils to develop foundation and earthwork recommendations. Unconfined compressive strength (Qp) values were assessed with a pocket penetrometer within the fine-grained soils.

Groundwater level observations were recorded during and at the completion of field operations prior to backfilling the borings. Seasonal variations, temperature, anthropogenic, seasonality, soil permeability, and precipitation will influence the actual and observed groundwater levels. Groundwater elevations derived from sources other than seasonally observed groundwater monitoring wells may not be representative of true groundwater levels.

2.2 Laboratory Testing Program

The laboratory testing program is currently being performed at the time of this letter and the results will be included in our final supplemental geotechnical investigation report.

3.0 SUMMARY OF SUBSURFACE CONDITIONS

The supplemental investigation included a review of published geology and available information within the area of the subject site, and presenting a summary of the subsurface conditions encountered as part of our supplemental subsurface exploration. The results of our review and subsurface conditions encountered are summarized below.

3.1 Site Geology

The subject site is located in a region of the Piedmont Physiographic Province of New York known as the Newark Basin. The Newark Basin contains rocks of the Newark Super Group which is a stratigraphic series of Triassic to Jurassic age sedimentary rocks containing intrusive sills and dikes as well as extrusive volcanics. The formations mapped within the area of the site include the Hammer Formation which reportedly consists of conglomerate; and the Ladentown diabase and basaltic lava which reportedly consists of basalt.

The surficial deposits at the site reportedly include outwash sand and gravel (Og) consisting of coarse to fine stratified sand. Overlying materials also include manmade fill material.

3.2 Historical Aerial Review

A review of historic aerial imagery was performed to provide a history of the subject site. A summary of the site conditions based on the historic aerials, as they pertain to this investigation, is summarized below.

- > 1952: The site was depicted as agricultural farmland and included two apparent ponds in the northern and central/southern portion of the site. Former roadways were evident running through the southern and eastern portion of the site.
- ➤ 1965: The pond within the northern portion of the site appears to have been filled in, and a commercial structure was depicted in the northern portion of the site (near the area of the apparent filled in pond). Pavement areas were depicted within the northern portion of the site and a roadway was depicted in the central portion of the site. The agricultural farmland and former roadways from 1953 were no longer depicted. The New York State Throughway was depicted to the north of the site.
- > 1974: Commercial structures were depicted within the central and southern portions of the site. The remainder of the site appears to be relatively unchanged.
- 1995: An addition to the existing commercial structure was depicted that extended the structure to the eastern portion of the site. A roadway was depicted within the southeastern portion of the site. The remainder of the site was relatively unchanged.
- > 2019: There are no significant changes depicted between 1995 and 2019 at the site.

3.3 Subsurface Conditions Encountered

The supplemental soil borings and test pits were performed within existing undeveloped grass covered areas, pavement areas, and within the area of the existing slab. A general summary of the supplemental subsurface conditions encountered is summarized below:

Surface Cover: Test locations performed within existing undeveloped areas encountered approximately three to 12 inches of topsoil, and locations within pavement areas encountered approximately six to nine inches of asphaltic concrete. Test locations performed within the existing floor slab revealed the existing slab ranged in thickness between five inches and 24 inches in thickness. The relatively thicker slab areas were located within the southern portion of the existing slab area. The existing slabs appeared to contain steel reinforcing at each tested location.

- Existing Fill Material: Beneath the surface cover and/or at the surface, existing fill material was encountered that generally consisted of sand, gravel, and silt with variable amounts of clay and debris (brick, masonry, ceramics, wood, lumber, glass, asphalt, metal, lumber, fabric, PVC piping, wire, tarp, roots, buried topsoil, concrete, and rubber). The existing fill material was typically encountered to depths ranging between one foot and 15 feet below the ground surface; corresponding to elevations ranging between 314.9 feet and 297.0. A relatively deeper area of existing fill material was encountered within the northwestern portion of the existing slab area to a depth of up to 25 feet below the ground surface; corresponding to an elevation of 287.0 feet. Based on review of historic aerial images circa 1952, this area of relatively deeper fill is consistent with an apparent former pond within the northern portion of the site.
- Natural Glacial Deposits: Beneath the existing fill material, natural glacial deposits were encountered that generally consisted of sand (USCS: SP, SP-SM, SM, and SC), gravel (USCS: GP and GP-GM), silt (USCS: ML) and clay (USCS: CL). The natural glacial deposits were encountered to termination and refusal depths ranging between approximately 6.5 feet and 42 feet below the ground surface; corresponding to elevations ranging between approximately 309.4 feet and 265.6 feet. Relatively loose/very loose zones were encountered at variable depths within this stratum.
- Groundwater: Groundwater was encountered at depths ranging between approximately two feet and 23 feet below the ground surface; corresponding to elevations ranging between 318.5 feet and 296.3 feet. Apparent perched groundwater was encountered at isolated layers throughout the site at depths ranging between approximately 0.5 feet and 5.2 feet below the ground surface; corresponding to elevations ranging between 318.8 feet and 305.8 feet. During our previous investigations, indicators of seasonal high groundwater (i.e. soil mottling) were observed within the soil profile pits at depths ranging between approximately one foot and 5.4 feet below the ground surface; corresponding to elevations ranging between 309.0 feet and 299.7 feet. Groundwater levels are expected to fluctuate seasonally and following periods of significant precipitation.

4.0 SUMMARY OF POTENTIAL RECOMMENDATIONS

The results of the subsurface conditions are in the process of being compiled and potential foundation recommendations are being evaluated. The final recommendations will be contingent upon completion of the laboratory testing program and engineering analysis, but the general recommendations for each building are summarized below to assist with the overall project timeline.

4.1 Building 1 (963,100 square feet):

Existing Slab: Portions of the existing slab may be suitable to remain in place below proposed floor slab areas, provided the slab is properly fractured in order to promote vertical drainage. Alternatively, existing concrete foundations and floor slabs may be fully removed, processed to an acceptable size, and reused onsite as structural fill material. We recommend a cost/benefit analysis should be performed by the general contractor and project team to review the cost effectiveness of fracturing the slab in place versus complete removal, processing, and reusing the recycled concrete material on-site as structural fill. **Areas of the existing slab that are located below proposed foundation zones (defined by a 1:1 horizontal vertical ratio from the edge of the proposed footing) will need to be fully removed, and the subgrade soils below proposed foundations will need to be carefully inspected and tested (as detailed below).**

Proposed Foundations: Following demolition and removal of the existing slab below proposed foundation influence zones, proposed foundations may be designed to bear within approved portions of the on-site soils and/or newly placed compacted structural fill material placed to raise site grades. **Existing fill**

material containing deleterious debris will need to be overexcavated and replaced with approved structural fill material, and careful construction testing and inspection will be required to confirm unsuitable materials are removed below the proposed foundation influence zones. Due to the areas of relatively deeper existing fill material encountered within the northern portion of the proposed building pad, relatively deeper overexcavation and replacement should be anticipated within this area, and the contractor should anticipate the need for groundwater control. Following overexcavation and replacement, foundations are anticipated to be designed to impart a maximum allowable bearing pressure of 3,000 pounds per square foot (psf). Alternatively, a targeted ground improvement program may be considered as opposed to overexcavation and replacement (as detailed below).

Ground Improvement: As alternative to overexcavation and replacement, specialty ground improvement techniques (such as installation of aggregate piers) are considered feasible to improve the on-site soils and allow for subsequent installation of a shallow foundation system. A targeted ground improvement may be considered to minimize overexcavation below the groundwater level where the relatively deep existing fill material was encountered within the northern portion of the building footprint (within the area of the apparent filled in pond). We recommend a cost benefit analysis should be performed by the project team and the General Contractor to review if ground improvement or overexcavation and replacement is more economical within this area. If ground improvement with aggregate piers is elected, a bearing capacity on the order of 4,000 psf may be feasible, although the maximum allowable bearing capacity will need to be confirmed by the specialty ground improvement contractor.

Proposed Floor Slab: Proposed floor slabs may be designed to bear within compacted structural fill material placed over approved on-site materials. **Prior to placement of new structural fill to raise site grades, existing subgrade materials will need to be proofolled and inspected in the presence of the onsite geotechnical engineer to identify potential unsuitable conditions prior to raising site grades.** If the existing slab is to be fractured and remain in place below the proposed slab, a separation fabric should be installed to prior to raising site grades with structural fill material. However, overexcavation of the existing fill material and removal of the existing slab should be expected within the proposed new floor slab area within the area of the documented historical pond where more extensive debris was encountered. The approximate location is shown on the enclosed *Test Location Plan* but the extents of the removal will need to be confirmed during construction. Properly prepared on-site soils are expected to yield a minimum subgrade modulus (k) of 125 psi/in.

Building 2 (170,500 square feet) & Building 3 (88,200 square feet):

Proposed Foundations: Proposed foundations may be designed to bear within approved portions of the onsite soils and/or newly placed compacted structural fill material placed to raise site grades. **Existing fill material containing deleterious debris will need to be overexcavated and replaced with approved structural fill material, and careful construction testing and inspection will be required to confirm unsuitable materials are removed below the proposed foundation influence zones.** Since the existing fill material extended beneath the groundwater table at certain locations, relatively deeper overexcavation and replacement and the need for groundwater control should anticipated by the contractor. Following **overexcavation and replacement, foundations are anticipated to be designed to impart a maximum allowable bearing pressure of 3,000 pounds per square foot (psf).** Alternatively, a targeted ground improvement program may be considered as opposed to overexcavation and replacement (as detailed below).

Ground Improvement: As alternative to overexcavation and replacement, specialty ground improvement techniques (such as installation of aggregate piers) are considered feasible to improve the on-site soils and allow for subsequent installation of a shallow foundation system. We recommend a cost benefit analysis should be performed by the project team and the General Contractor to review if ground improvement or overexcavation and replacement is more economical for proposed Buildings 2 and 3. If ground improvement with aggregate piers is elected, a bearing capacity on the order of 4,000 psf may be feasible,

although the maximum allowable bearing capacity will need to be confirmed by the specialty ground improvement contractor.

Proposed Floor Slab: Proposed floor slabs may be designed to bear within compacted structural fill material placed over approved on-site materials. **Prior to placement of new structural fill to raise site grades, existing subgrade materials will need to be proofolled and inspected in the presence of the on-site geotechnical engineer to identify potential unsuitable conditions prior to raising site grades.** Due to the deleterious debris encountered within the existing fill material, at least partial overexcavation and replacement and/or subgrade stabilization should be anticipated below proposed floor slabs. Properly prepared on-site soils are expected to yield a minimum subgrade modulus (k) of 125 psi/in.

Earthwork and Groundwater Control:

Groundwater Control: Groundwater control should be anticipated during overexcavation and replacement and/or within relatively deeper utility excavations, as applicable. While groundwater control means and methods are the responsibility of the contractor, we preliminarily anticipate that excavations extending to depths of approximately two feet below the groundwater elevation may be controlled by sump pumps and strategically placed sump pits for relatively small areas. Larger excavations and excavations extending deeper than two feet below groundwater may require deeper well recovery points.

Reuse of On-Site Soils: The on-site soils (above the groundwater level) are preliminarily anticipated to be suitable for reuse as structural fill material, provided moisture contents are within tolerable limits to achieve compaction and oversized and deleterious debris is separated. Portions of the on-site soil are considered moisture sensitive and will likely require moisture conditioning during a period of favorable weather. The on-site soils will likely become impractical for reuse if exposed to moisture.

The preliminary recommendations outlined in this memo will need to be confirmed following completion of our engineering analysis and laboratory testing, and following review of the final structural plans and loading conditions. Formal recommendations will be included in our supplemental geotechnical report.

Sincerely,

DYNAMIC EARTH, LLC

~ Clove

Francis Van Cleve Principal

Principal

Cc: Scot Hume (Dynamic Earth, LLC) Josh Sewald (Dynamic Engineering Consultants, PC) Ryan McDermott (Dynamic Engineering Consultants, PC)

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5.0 GENERAL LIMITATIONS

Supplemental recommendations will be required upon finalization of conceptual site plans or if significant changes are made in the characteristics or location of the proposed structures. Dynamic Earth should be included as a consultant to the design team and should be provided final plans for review to confirm these criteria apply or to modify recommendations as necessary.

The recommendations presented herein should be utilized by a qualified engineer in preparing preliminary design concepts and site grading. The engineer should consider these recommendations as minimum physical standards that may be superseded by local and regional building codes and structural considerations. These recommendations are prepared for the use of the client for the specific project detailed and should not be used by any third party. These recommendations are relevant to the preliminary design phase and should not be substituted for construction specifications.

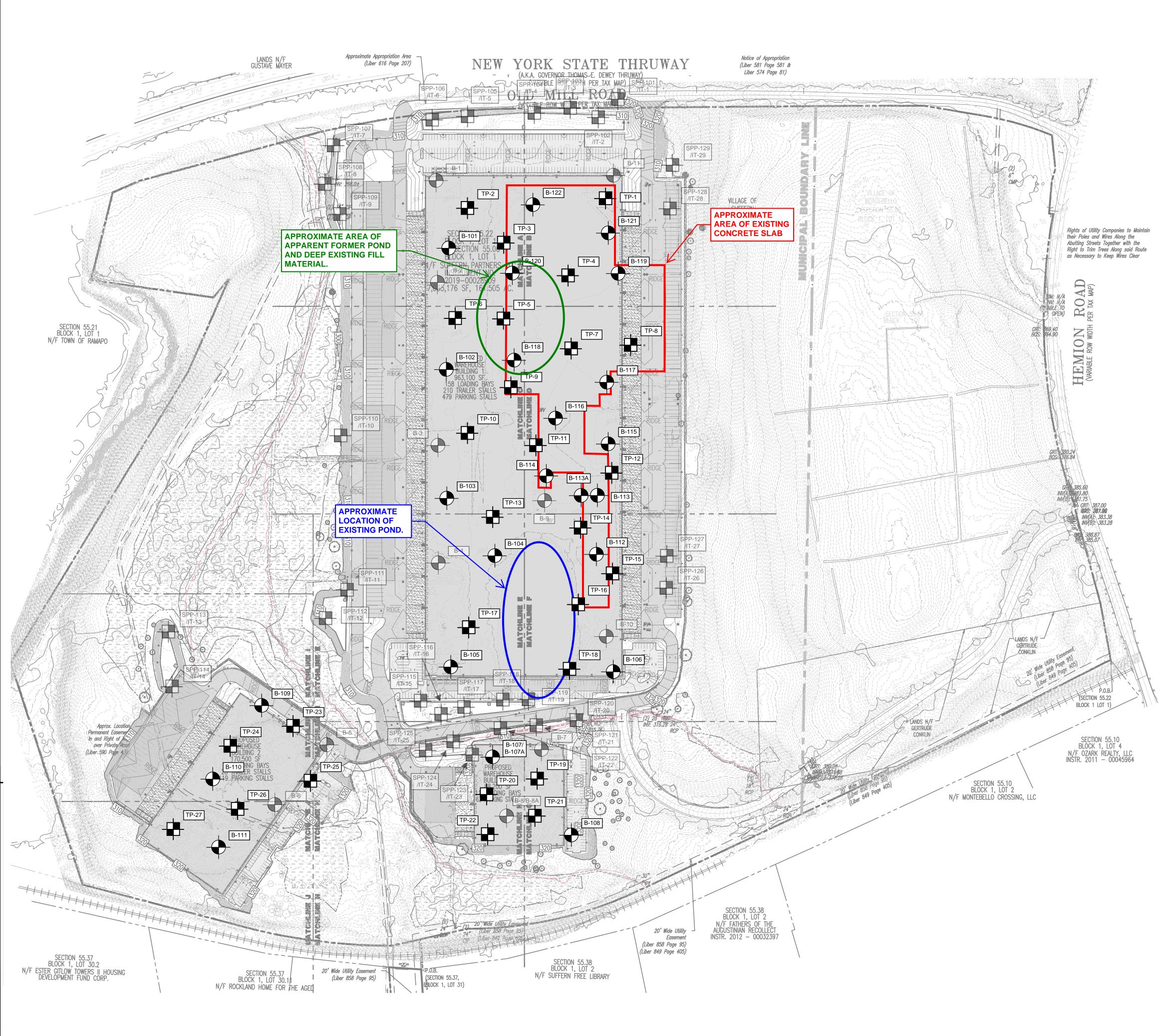
The possibility exists that conditions between test locations may differ from those at specific test pit locations, and conditions may not be as anticipated by the designers or contractors. In addition, the construction process may itself alter soil conditions. Therefore, Dynamic Earth Geotechnical Engineers or their representatives should observe and document the final construction procedures used and the conditions encountered, as well as conduct testing and inspection to ensure the design criteria are met or recommendations to address deviations are implemented.

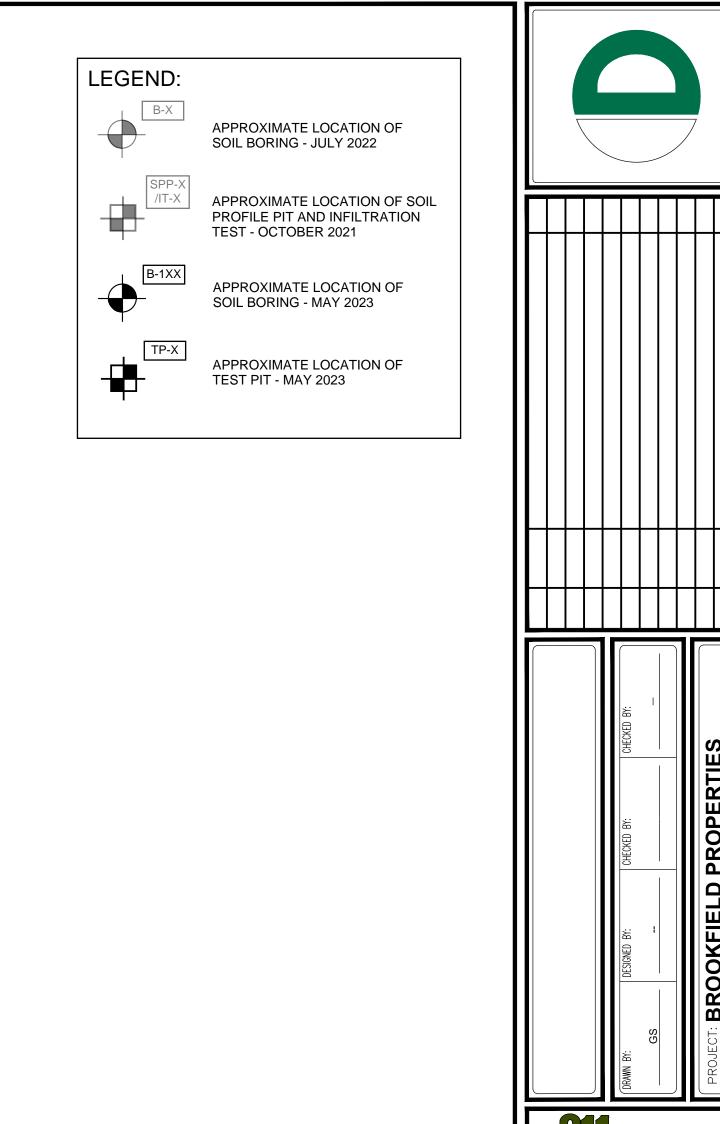
Dynamic Earth assumes that a qualified contractor will be employed to perform the construction work, and that the contractor will be required to exercise care to ensure all excavations are performed in accordance with applicable regulations and good practice. Particular attention should be paid to avoiding damaging or undermining adjacent properties and maintaining slope stability.

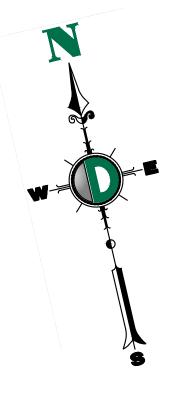
The exploration and analysis of the foundation conditions reported herein are presented to form a reasonable basis for preliminary site evaluation. The recommendations submitted for the proposed construction are based on the available soil information and the preliminary design details furnished or assumed. Deviations from the noted subsurface conditions encountered during construction should be brought to the attention of the geotechnical engineer.

The geotechnical engineer warrants that the findings, recommendations, specifications, or professional advice contained herein have been promulgated after being prepared in accordance with generally accepted professional engineering practice in the fields of foundation engineering, soil mechanics, and engineering geology. No other warranties are implied or expressed.

Supplemental Test Location Plan







NOTES:

- 1. THIS PLAN IS NOT FOR CONSTRUCTION AND WAS PREPARED TO ILLUSTRATE TEST LOCATIONS ONLY AND MAY NOT REFLECT THE MOST CURRENT REVISION OF THE BASE PLAN.
- 2. BASE PLAN OBTAINED FROM A SEPTEMBER 01, 2022 (LAST REVISED) OVERALL GRADING PLAN PREPARED BY DYNAMIC ENGINEERING CONSULTANTS, P.C.

ENGINEERING EARTH											
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P.H. HOWELL PROFESSIONAL ENGINEER NEW YORK LICENSE No. 87392											
PROJECT No:		05/25/2023									
SHEET No:											

Records of Subsurface Exploration



Boring No : B-101

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Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 307.8 feet Date Started: 05-01-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 42.0 feet Date Completed: 05-01-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 G. Seselgis ∇ 7.0 Logged by: 300.8 HSA/SPT Drill/Test Method: Contractor: Soil Testing, Inc. 4 At Completion: 12.0 295.8 Manual Safety Diedrich D50 Hammer Type: Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth (Feet) RQD Remarks Rec (ft) (Classification) Туре Ν Number (in) % (mm:ss) 6 inches of asphaltic concrete with no apparent subbase material Surface Cover Yellowish brown coarse to fine sand, little silt, little coarse to fine 5 10 gravel, moist, medium dense (SM) 0.5-2.0 S-1 SS 14 20 ---10 ---As above (SM) 9 12 2.0-4.0 S-2 SS 6 22 12 10 Brown coarse to fine sand, moist, medium dense (SP) 6 7 12 4.0-6.0 SS 18 S-3 5 5 As above, loose (SP) 4 3 ∇ 6.0-8.0 S-4 SS 14 ---7 Brown coarse to fine sand, little silt, wet, loose (SP-SM) 4 5 Brown coarse to fine sand, some medium to fine gravel, wet, loose (SP) 6 4 8.0-10.0 S-5 SS 12 6 2 3 As above (SP) 4 3 10.0-12.0 S-6 SS 16 6 3 3 Junhun Glacial Deposits mhululululu 15 Brown coarse to fine sand, little silt, trace medium to fine gravel, wet, 2 loose (SP-SM) 3 15.0-17.0 S-7 SS 24 8 5 7 20 Brown fine sand, some silt, wet, loose (SM) 2 2 20.0-22.0 S-8 SS 20 5 ---3 3



Boring No : B-101

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Project:	Proposed Industrial Park Proj. No.: 3709-99-004EC																
Location:	Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties																
Surface Elev											Original Data	Depth	EI.	Additional	Depth	EI.	
Termination	ermination Depth: 42.0 feet					Date Co	ompleted:	05-01	2023		Groundwater Data	(ft)	(ft)	Groundwater Data	(ft)	(ft)	
	roposed Location: Building 1					Logged		G. Se			While Drilling:	7.0	300.8				
	I/Test Method: HSA/SPT					Contra Rig Typ		Soil Test			At Completion:	12.0	295.8				
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25.0-27.0	S-9	SS	24		WOR 3	WOR 7	3				: A:	s above, very loose (SM)					
								30			A	s above, loose (SM)					
30.0-32.0	S-10	SS	24		3	3	6										
	Glacial Deposits																
35.0-37.0	S-11	SS	24		WOR 7	WOR 8	7				A	s above, and silt (SM)					
40.0-42.0	S-12	SS	24		WOR 6	5	11					s above, medium dense (S					
											Bo	vring B-101 was terminated	l at approxi	mately 42 feet	below the ground		



Boring No : B-102

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Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 309.1 feet Date Started: 05-01-2023 Depth EI. EI. Depth Groundwater Data Groundwater 42.0 feet Termination Depth: Date Completed: 05-01-2023 (ft) (ft) (ft) (ft) Data Proposed Location: Building 1 While Drilling: G. Seselgis Logged by: 8.0 301.1 HSA/SPT Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 4 14.0 295.1 Manual Safety Diedrich D50 Hammer Type: Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth RQD Remarks Rec (ft) (Classification) Number Туре Ν (Feet) (in) % (mm:ss) 6 inches of asphaltic concrete with no apparent subbase material Surface Cover Brown coarse to fine sand, little silt, little coarse to fine gravel, wet 2 10 (FILL) 0.5-2.0 S-1 SS 11 24 -14 ---As above, some debris (asphalt), wet (FILL) mmunu 32 37 2.0-3.8 S-2 SS 10 74 37 50/3 FILL As above, no debris (FILL) 13 14 4.0-6.0 SS 17 32 S-3 18 17 As above (FILL) 20 15 6.0-8.0 33 S-4 SS 17 ---Brown fine sand, some silt, moist, dense (SM) 18 20 ∇ Perched water at 8 Olive gray clay, some coarse to fine sand, wet, medium stiff (CL) feet 6 4 8.0-10.0 S-5 SS 16 11 Qp = 1.0 tsf ---Grayish brown coarse to fine sand, some clayey silt, wet, medium 7 11 dense (SM) As above, dense (SM) 12 17 10.0-12.0 S-6 SS 12 35 18 16 mhun 15 Brown coarse to fine sand, some silt, wet, loose (SM) 3 4 Glacial 15.0-17.0 S-7 SS 21 9 Deposits 5 6 20 Brown coarse to fine sand, little coarse to fine gravel, wet, medium dense (SP) 5 4 20.0-22.0 S-8 SS 15 12 ---7 6



Boring No : B-102

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Proj. No.: Proposed Industrial Park 3709-99-004EC Project: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 309.1 feet Date Started: 05-01-2023 Depth EI. Depth EI. Groundwater Data Groundwater Termination Depth: 42.0 feet Date Completed: 05-01-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 G. Seselgis ∇ Logged by: 8.0 301.1 Drill/Test Method: HSA/SPT T Contractor: Soil Testing, Inc. At Completion: 295.1 14.0 Diedrich D50 Hammer Type: Manual Safety Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) Brown coarse to fine sand, trace silt, trace coarse to fine gravel, wet, dense (SP-SM) $% \left(S^{2},S^$ 14 7 25.0-27.0 S-9 SS 24 49 = 35 43 30 As above, medium dense (SP-SM) 4 7 30.0-32.0 S-10 SS 24 23 16 10 Glacial Deposits Brown fine sand, and silt, wet, loose (SM) 3 2 35.0-37.0 S-11 SS 20 5 արտերո 3 3 արտիստիուն 40 Grayish brown coarse to fine sand, little silt, wet, loose (SP-SM) 3 3 40.0-42.0 S-12 SS 24 8 5 7 Boring B-102 was terminated at approximately 42 feet below the ground surface. 45



Boring No : B-103

Page 1 of 2

Proposed Industrial Park Project: Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 311.2 feet Date Started: 05-04-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 42.0 feet Date Completed: 05-04-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 G. Seselgis ∇ Logged by: 8.0 303.2 HSA/SPT Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 4 8.0 303.2 Rig Type: CME 55 ATV Hammer Type: Automatic Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth (Feet) Rec RQD Remarks (ft) (Classification) Туре Ν Number (in) % (mm:ss) 6 inches of topsoil 16 SI Surface Cover 7 2 Brown coarse to fine sand and clayey silt, some coarse to fine gravel, 0.0-2.0 S-1 SS 21 14 moist, medium dense (SM) 8 7 -As above (SM) 6 9 2.0-4.0 S-2 SS 16 23 14 18 As above (SM) 9 7 12 4.0-6.0 SS 22 S-3 5 7 Yellow brown coarse to fine sand, and clayey silt, moist, medium dense (SM) 5 6 15 6.0-8.0 S-4 SS 19 ---9 7 Brown coarse to fine sand, little silt, trace fine gravel, wet, loose (SP-SM) 2 3 8.0-10.0 S-5 SS 11 7 4 6 Brown coarse to fine sand, and coarse to fine gravel, trace silt, wet, medium dense (SP) unitaria. 6 5 10.0-12.0 S-6 SS 12 11 mhuduuluu 6 4 Glacial Deposits <u>mhuhuhuhuhu</u> 15 As above, very loose (SP) wон 1 15.0-17.0 S-7 SS 9 2 1 1 20 Grayish brown coarse to fine sand, little medium to fine gravel, wet, loose (SP) 2 2 20.0-22.0 S-8 SS 16 5 ---3 7



Boring No : B-103

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Proposed Industrial Park 3709-99-004EC Project: Proj. No.: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 311.2 feet Date Started: 05-04-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 42.0 feet Date Completed: 05-04-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 G. Seselgis ∇ Logged by: 8.0 303.2 HSA/SPT V Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 303.2 8.0 Hammer Type: Automatic Rig Type: CME 55 ATV Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) As above, medium dense (SP) 5 1 25.0-27.0 S-9 SS 12 20 ---15 13 30 As above (SP) 3 4 30.0-32.0 S-10 SS 12 17 13 9 Glacial Deposits Brown coarse to fine sand, little coarse to fine gravel, little silt, wet, medium dense (SP-SM) 2 3 35.0-37.0 S-11 SS 21 10 minninn 7 6 mmmm 40 As above, no gravel (SP-SM) 4 6 40.0-42.0 S-12 SS 24 16 10 17 Boring B-103 was terminated at approximately 42 feet below the ground surface. 45



Boring No : B-104

Page 1 of 2

Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 310.0 feet Date Started: 05-03-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 37.0 feet Date Completed: 05-03-2023 (ft) (ft) (ft) (ft) Data While Drilling: Building 1 Proposed Location: G. Seselgis ∇ Logged by: 6.0 304.0 Soil Testing, Inc. Drill/Test Method: HSA/SPT Contractor: 4 At Completion: 5.0 305.0 Manual Safety Diedrich D120 Hammer Type: Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time RQD Remarks Depth Rec (ft) (Classification) Туре Ν Number (Feet) (in) % (mm:ss) 4 inches of topsoil 16 36 Surface Cover 5 3 Brown coarse to fine sand, some silt, some coarse to fine gravel, little 0.0-2.0 S-1 SS 11 20 debris (asphalt), moist (FILL) FILL 23 15 Brown coarse to fine sand, and clayey silt, some coarse to fine gravel, 13 13 moist, medium dense (SM) 2.0-4.0 S-2 SS 14 27 17 14 As above (SM) 7 14 ▼ 4.0-6.0 SS 9 22 S-3 5 8 11 ∇ Wet sampler at 6 No recovery feet 11 14 6.0-8.0 S-4 SS 0 ---39 25 22 As above, grayish brown, wet, medium dense (SM) 11 4 8.0-10.0 S-5 SS 6 11 7 9 Dark gray coarse to fine sand, little coarse to fine gravel, little silt, wet, medium dense (SP-SM) unitaria. 12 10 10.0-12.0 S-6 SS 6 21 111111 11 12 արտեսիսփոփոփոփոփոփոփոփո Glacial Deposits 15 Grayish brown coarse to fine sand, trace fine gravel, wet, loose (SP) 4 1 15.0-17.0 S-7 SS 12 5 4 8 20 Brown coarse to fine gravel, little coarse to fine sand, wet, very dense 23 34 (GP) 20.0-21.4 SS 84/11 S-8 8 ---50/5 ---



Boring No : B-104

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Proposed Industrial Park 3709-99-004EC Project: Proj. No.: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 310.0 feet Date Started: 05-03-2023 Depth EI. Depth EI. Groundwater Data Groundwater Termination Depth: 37.0 feet Date Completed: 05-03-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 G. Seselgis ∇ Logged by: 304.0 6.0 HSA/SPT T Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 305.0 5.0 Hammer Type: Manual Safety Rig Type: Diedrich D120 Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) Brown coarse to fine sand and coarse to fine gravel, wet, very dense $(\ensuremath{\mathsf{SP}})$ 15 5 25.0-27.0 S-9 SS 14 72 = 57 37 30 As above, some coarse to fine gravel (SP) 14 9 Glacial Deposits 30.0-31.8 S-10 SS 21 79 65 50/3 As above, dense (SP) un Inn. 10 12 35.0-37.0 S-11 SS 15 30 muluul 18 35 Boring B-104 was terminated at approximately 37 feet below the ground surface. <u>tun</u>luu 40 45



Boring No : B-105

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Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 309.8 feet Date Started: 05-03-2023 Depth EI. EI. Depth Groundwater Data Groundwater 37.0 feet Termination Depth: Date Completed: 05-03-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 G. Seselgis ∇ Logged by: 2.0 307.8 Drill/Test Method: HSA/SPT Contractor: Soil Testing, Inc. At Completion: 4 3.5 306.3 Manual Safety Diedrich D120 Hammer Type: Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth (Feet) RQD Remarks Rec (ft) (Classification) Туре Ν Number (in) % (mm:ss) 9 inches of topsoil 16 36 Surface Cover 4 2 Yellowish brown coarse to fine sand and silty clay, little medium to fine 0.0-2.0 S-1 SS 18 13 gravel, moist, medium dense (SC) 9 11 ∇ Yellowish brown coarse to fine sand, little clayey silt, little coarse to 10 17 fine gravel, wet, dense (SM) 2.0-4.0 S-2 SS 8 35 18 21 Brown coarse to fine sand, and coarse to fine gravel, little clayey silt, 13 wet, medium dense (SP-SM) 15 4.0-6.0 SS 5 28 S-3 13 13 Brown coarse to fine sand, some medium to fine gravel, wet, dense (SP) 8 17 32 6.0-8.0 S-4 SS 12 ---15 13 Brown coarse to fine sand, trace fine gravel, wet, medium dense (SP) 5 7 8.0-10.0 S-5 SS 6 20 13 12 As above, little coarse to fine gravel, dense (SP) 10 16 10.0-12.0 S-6 SS 12 31 <u>առահառևառ</u>եսու 15 15 Glacial Deposits <u>mhuhuhuhuhu</u> 15 As above, loose (SP) 1 3 15.0-17.0 S-7 SS 11 8 5 20 20 As above, very dense (SP) 26 5 20.0-22.0 S-8 SS 21 56 ---30 22



Boring No : B-105

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Proposed Industrial Park Proj. No.: 3709-99-004EC Project: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional 05-03-2023 Surface Elevation: 309.8 feet Date Started: Depth EI. Depth EI. Groundwater Data Groundwater Termination Depth: 37.0 feet Date Completed: 05-03-2023 (ft) (ft) (ft) (ft) Data While Drilling: Building 1 G. Seselgis ∇ Proposed Location: Logged by: 307.8 2.0 HSA/SPT V Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 306.3 3.5 Hammer Type: Manual Safety Rig Type: Diedrich D120 Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) As above (SP) 40 50/4 25.0-25.8 S-9 SS 20 ---50/4 ------30 As above (SP) 37 50/4 24 50/4 30.0-30.8 S-10 SS Glacial Deposits = As above (SP) and the 9 53 35.0-36.3 S-11 SS 12 ___ 103/9 50/3 ---111 111 Boring B-105 was terminated at approximately 37 feet below the ground surface. = 40 45



Boring No : B-106

Page 1 of 1 Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 320.4 feet Date Started: 05-02-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 11.0 feet Date Completed: 05-02-2023 (ft) (ft) (ft) (ft) Data While Drilling: Building 1 Proposed Location: G. Seselgis Logged by: NE Drill/Test Method: HSA/SPT Contractor: Soil Testing, Inc. 4 At Completion: NE Manual Safety Diedrich D50 Hammer Type: Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth (Feet) RQD Remarks Rec (ft) (Classification) Туре Ν Number (in) % (mm:ss) 6 inches of topsoil 16 SIL Surface Cover 10 5 Gray coarse to fine sand, trace silt, little fine gravel, moist, trace debris 0.0-2.0 S-1 SS 20 21 (asphalt) (FILL) 12 11 As above (FILL) 11 14 2.0-4.0 S-2 SS 16 FILL 26 12 10 As above (FILL) 8 12 4.0-6.0 SS 18 19 S-3 7 12 Yellowish brown silty clay, some coarse to fine gravel, little coarse to Qp = 2.5 tsf fine sand, moist, very stiff (CL) Brown coarse to fine sand, and coarse to fine gravel, some clayey silt, 37 50/5 6.0-6.9 S-4 SS 9 ---50/5 moist, very dense (SM) ------Glacial Deposits = Difficult drilling from 6 feet to 11 feet 36 50/1 Brown coarse to fine sand, and coarse to fine gravel, little silt, moist, very dense (SM) 10.0-10.6 S-5 SS 6 ---50/1 Boring B-106 encountered refusal at approximately 11 feet below the 111111 ground surface. 15 20



Boring No : B-107

Page 1 of 1

Proposed Industrial Park Proj. No.: 3709-99-004EC Project: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional 05-02-2023 Surface Elevation: 311.5 feet Date Started: Depth EI. Depth EI. Groundwater Data Groundwater Termination Depth: 2.2 feet Date Completed: 05-02-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 3 G. Seselgis Logged by: ∇ NE HSA/SPT T Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: NE Hammer Type: Manual Safety Rig Type: Diedrich D50 Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) 3 inches of topsoil Surface Cover 16 SIL 8 6 Grayish brown coarse to fine sand, little silt, some coarse to fine gravel, moist, no debris (FILL) 0.0-2.0 S-1 SS 18 17 ---FILL 9 4 50/2 ntuluu 2.0-2.2 S-2 SS 0 ---Boring B-107 encountered refusal at approximately 2.2 feet below the ground surface. unitim. 15 20



Boring No : B-107A

Page 1 of 2 Proposed Industrial Park Project: Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 311.5 feet Date Started: 05-02-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 32.0 feet Date Completed: 05-02-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 3 Logged by: G. Seselgis ∇ 6.0 305.5 HSA/SPT Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 4 7.5 304.0 Hammer Type: Manual Safety Diedrich D50 Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth (Feet) Rec RQD Remarks (ft) (Classification) Number Ν Туре (in) % (mm:ss) Augered to 4 feet FILL արտերո Brown coarse to fine sand, and silty clay, some coarse to fine gravel, 7 moist, medium dense (SC) 8 4.0-6.0 S-2 SS 21 18 10 17 ∇ Brown coarse to fine gravel, and coarse to fine sand, little clayey silt, 'a' wet, very dense (GP-GM) 19 19 6.0-8.0 S-3 SS 2 ---39 20 16 Gravish brown silty clay and coarse to fine sand, some coarse to fine gravel, wet, medium stiff (CL) 2 1 8.0-10.0 S-4 SS 6 3 Qp = 1.0 tsf 2 5 As above, and coarse to fine gravel (CL) unitari. 7 10 10.0-12.0 S-5 SS 5 15 Qp = 1.0 tsf 8 14 Glacial Deposits 15 Brown coarse to fine sand, trace fine gravel, trace silt, wet, medium dense (SP) 6 5 15.0-17.0 S-6 SS 24 11 6 8 20 As above, some coarse to fine gravel (SP) 11 8 20.0-22.0 S-7 SS 24 28 ---20 39



Boring No : B-107A

Page 2 of 2 Proposed Industrial Park 3709-99-004EC Project: Proj. No.: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 311.5 feet Date Started: 05-02-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 32.0 feet Date Completed: 05-02-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 3 G. Seselgis ∇ Logged by: 305.5 6.0 HSA/SPT V Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 304.0 7.5 Diedrich D50 Hammer Type: Manual Safety Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) Brown coarse to fine sand, little silt, little medium to fine gravel, wet, medium dense (SP-SM) 4 4 25.0-27.0 S-8 SS 12 16 ---12 30 Glacial Deposits 30 Brown clayey silt, some coarse to fine sand, little coarse to fine gravel, wet, very stiff (ML) 11 15 30.0-32.0 S-9 SS 20 36 Qp = 2.75 tsf 21 21 Boring B-107A was terminated at approximately 32 feet below the ground surface unitim. 40 _____ 45



Boring No : B-108

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Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 322.5 feet Date Started: 05-05-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 37.0 feet Date Completed: 05-05-2023 (ft) (ft) (ft) (ft) Data While Drilling: Building 3 Proposed Location: A. Park ∇ Logged by: 4.0 318.5 Drill/Test Method: HSA/SPT Contractor: Soil Testing, Inc. 4 At Completion: 6.0 316.5 CME 55 ATV Hammer Type: Automatic Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time RQD Remarks Depth Rec (ft) (Classification) Ν Number Туре (Feet) (in) % (mm:ss) site site 12 inches of topsoil 2 4 sle. Surface Cover 0.0-1.3 S-1 SS 7 54/10 ، باد ماد 50/4 ---Brown coarse to fine gravel, some coarse to fine sand, trace silt, moist, very dense (GP) $% \left({\left({{\rm{GP}} \right)} \right)^2} \right)$ 5 6 Apparent cobbles/ ړ_وړ boulders at 1.3 to 4 feet ∇ 'nċ As above, reddish brown, wet, medium dense (GP) 11 6 4.0-6.0 SS 9 17 S-3 11 17 Reddish brown coarse to fine sand, and coarse to fine gravel, some silt, wet, dense (SM) 17 16 6.0-8.0 S-4 SS 10 ---30 14 9 Reddish brown coarse to fine sand, some coarse to fine gravel, little silt, trace clay, wet, loose (SP-SM) 2 4 8.0-10.0 S-5 SS 10 9 5 6 As above (SP-SM) 10 6 10.0-12.0 S-6 SS 21 9 _____ 3 3 Glacial Deposits 15 Reddish brown coarse to fine sand and coarse to fine gravel, some clay, trace silt, wet, loose (SC) 1 1 15.0-17.0 S-7 SS 24 4 3 2 _____ 20 Reddish brown coarse to fine sand, some coarse to fine gravel and silt, trace clay, wet, medium dense (SM) 8 7 20.0-22.0 S-8 SS 24 16 ---8 19



Boring No : B-108

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Proposed Industrial Park 3709-99-004EC Project: Proj. No.: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 322.5 feet Date Started: 05-05-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 37.0 feet Date Completed: 05-05-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 3 ∇ Logged by: A. Park 4.0 318.5 HSA/SPT V 316.5 Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 6.0 Hammer Type: Automatic Rig Type: CME 55 ATV Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) Reddish brown coarse to fine sand, some coarse to fine gravel, trace silt, wet, dense (SP) 17 10 25.0-27.0 S-9 SS 24 43 = 26 44 30 Brown coarse to fine sand and coarse to fine gravel, trace silt, wet, very dense (SP) 50/7 30.0-30.6 S-10 SS 2 50/7 Glacial Deposits As above (SP) unitim. 21 38 35.0-37.0 S-11 SS 24 72 muluul 34 30 Boring B-108 was terminated at approximately 37 feet below the ground surface. <u>tun</u>luu 40 45



Boring No : B-109

Page 1 of 2

Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 306.3 feet Date Started: 05-04-2023 Depth EI. EI. Depth Groundwater Data Groundwater 32.0 feet Termination Depth: Date Completed: 05-04-2023 (ft) (ft) (ft) (ft) Data Building 2 While Drilling: Proposed Location: G. Seselgis/A. Park Logged by: 7.5 298.8 Soil Testing, Inc. Drill/Test Method: HSA/SPT Contractor: At Completion: NE CME 55 ATV Hammer Type: Automatic Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time RQD Remarks Depth Rec (ft) (Classification) Ν Number Туре (Feet) (in) % (mm:ss) 5 inches of topsoil 16 SIL Apparent perched Surface Cover 3 groundwater at 0.5 2 Grayish brown coarse to fine sand and clayey silt, some coarse to fine feet 0.0-2.0 S-1 SS 16 6 gravel, trace debris (fine roots), wet (FILL) 3 6 As above (FILL) FILL 5 6 2.0-4.0 S-2 SS 19 11 5 11 Buried topsoil (FILL) Grayish brown coarse to fine sand, and coarse to fine gravel, some 2 silt, moist, dense (SM) 11 4.0-6.0 SS 18 37 S-3 26 28 As above (SM) 40 26 6.0-8.0 S-4 SS 15 ---46 ∇ 20 13 As above, wet (SM) As above (SM) 3 6 8.0-10.0 S-5 SS 1 11 5 5 Brown coarse to fine gravel and coarse to fine sand, trace silt, wet, medium dense (GP) 000 90 9 8 000 10.0-12.0 S-6 SS 10 22 III III 14 8 արակակակականու Glacial Deposits 15 Reddish brown coarse to fine gravel, some silt, little coarse to fine 21 sand, wet, dense (GP) 16 15.0-17.0 S-7 SS 21 43 22 29 = _____ 20 Reddish brown coarse to fine sand, some gravel, trace silt, wet, very dense (SP-SM) 24 18 20.0-22.0 S-8 SS 13 53 ---29 30



Boring No: B-109

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Project:	pject: Proposed Industrial Park Proj. No.: 3709-99-004EC															
Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties																
Surface Ele	avation: 306.3 feet Date Started: 05-04-2023 Depth FL Additional										Depth El.					
							ompleted:	05-04-2023		Groundwa			(ft)	Groundwater	(ft)	 (ft)
	rmination Depth: 32.0 feet oposed Location: Building 2				Logged		G. Seselgi		k While Drillin	ig: 🗸	(ft) 7.5	298.8	Data	(11)	(11)	
	Test Method: HSA/SPT			Contrac		Soil Test		At Completi		NE	-					
Hammer Ty				Rig Typ		CME 5	-									
	Sample Information															
Depth (Feet)	Number	Туре	Rec (in)	RQD %	Blows per 6" or drill time (mm:ss)	N	Depth (ft)	Strata			DESCRIPTION OF MATERIALS (Classification)					
										Reddish brown	coarse to fi	ne sand, sor	ne silt. little coa	arse to fine		
25.0-27.0	S-9	SS	24	-	9 16 31 42	- 47				gravel, wet, der						
30.0-32.0	S-10	SS	15	i	26 16 15 36	31	30	Glacial Deposits		As above (SM)						
					15 36					Boring B-109 wa	as terminate	d at approxi	mately 32 feet	below the ground		



Boring No : B-110

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Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 319.3 feet Date Started: 05-04-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 32.0 feet Date Completed: 05-04-2023 (ft) (ft) (ft) (ft) Data Building 2 While Drilling: Proposed Location: G. Seselgis Logged by: 23.0 296.3 HSA/SPT Soil Testing, Inc. Drill/Test Method: Contractor: 4 At Completion: 23.0 296.3 Manual Safety Rig Type: Diedrich D50 Hammer Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth RQD Remarks Rec (ft) (Classification) Ν Number Туре (Feet) (in) % (mm:ss) 5 inches of topsoil 16 316 Apparent perched Surface Cover groundwater 3 1 Grayish brown coarse to fine sand and clayey silt, some coarse to fine gravel, trace debris (asphalt and fine roots), wet (FILL) 0.0-2.0 S-1 SS 5 8 6 5 mumun As above, dark gray (FILL) 5 4 2.0-4.0 S-2 SS 13 8 4 8 Dark gray silty clay and coarse to fine sand, some coarse to fine 3 gravel, little debris (rubber, asphalt, wood, and brick), moist (FILL) 6 12 4.0-6.0 SS S-3 24 6 7 As above (FILL) 8 8 16 6.0-8.0 S-4 SS 24 ---8 8 FILL As above, little coarse to fine sand (FILL) 2 3 8.0-10.0 S-5 SS 13 6 3 5 As above (FILL) 4 6 10.0-12.0 S-6 SS 5 13 mm 7 8 hulun = 15 Dark gray coarse to fine sand, and coarse to fine gravel, some silt, mhulmhulm 7 moist, very dense (SM) 32 15.0-17.0 S-7 SS 19 72 40 16 արտիուլու Glacial 20 Reddish brown coarse to fine sand, some silt, some coarse to fine Deposits 20 44 gravel, moist, very dense (SM) 20.0-21.8 S-8 SS 20 79 35 50/4 Wet rods at 23 feet



Boring No : B-110

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Proj. No.: Proposed Industrial Park 3709-99-004EC Project: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 319.3 feet Date Started: 05-04-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 32.0 feet Date Completed: 05-04-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 2 G. Seselgis ∇ Logged by: 23.0 296.3 HSA/SPT V Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 296.3 23.0 Hammer Type: Manual Safety Rig Type: Diedrich D50 Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) Reddish brown coarse to fine sand, little silt, some coarse to fine gravel, wet, dense (SM) 19 10 25.0-27.0 S-9 SS 6 34 15 15 Glacial Deposits 30 Brown coarse to fine sand, some silt, little coarse to fine gravel, wet, very dense (SM) 15 30 30.0-32.0 S-10 SS 24 61 31 53 Boring B-110 was terminated at approximately 32 feet below the ground surface unitim. 40 _____ 45



Boring No : B-111

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Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 316.0 feet Date Started: 05-05-2023 Depth EI. EI. Depth Groundwater Data Groundwater 30.2 feet Termination Depth: Date Completed: 05-05-2023 (ft) (ft) (ft) (ft) Data While Drilling: Building 2 Proposed Location: Logged by: A. Park 2.0 314.0 Drill/Test Method: HSA/SPT Contractor: Soil Testing, Inc. At Completion: 4.0 312.0 CME 55 ATV Hammer Type: Automatic Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time RQD Remarks Depth Rec (ft) (Classification) Ν Number Туре (Feet) (in) % (mm:ss) 6 inches of topsoil 16 316 Surface Cover 12 4 Brown coarse to fine sand, some silt, little coarse to fine gravel, moist, 0.0-2.0 S-1 SS 16 28 medium dense (SP) 12 16 ∇ Brown coarse to fine sand, some coarse to fine gravel, trace silt, wet, 9 15 medium dense (SP) 2.0-4.0 S-2 SS 10 22 7 6 As above, reddish brown (SP) 4 8 4.0-6.0 SS 14 18 S-3 10 19 Reddish brown coarse to fine sand, little silt, little coarse to fine gravel, wet, very dense (SP-SM) 26 37 82 6.0-8.0 S-4 SS 24 ---45 50/3 Light brown coarse to fine sand, some silt, little coarse to fine gravel, trace clay, wet, very dense (SM) 36 39 8.0-10.0 S-5 SS 16 80 41 47 62 50/3 Light brown silt, some coarse to fine sand, little coarse to fine gravel, wet, hard (ML) 10.0-10.8 S-6 SS 8 ---50/3 ------Glacial Deposits 15 50/4 Light brown clayey silt, little coarse to fine gravel, trace coarse to fine sand, wet, hard (ML) 15.0-15.3 S-7 SS 4 50/4 ---50/2 20 As above, little coarse to fine sand (ML) 20.0-20.2 S-8 SS 2 ---50/2 ---



Boring No : B-111

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Proposed Industrial Park 3709-99-004EC Project: Proj. No.: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 316.0 feet Date Started: 05-05-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 30.2 feet Date Completed: 05-05-2023 (ft) (ft) (ft) (ft) Data While Drilling: Building 2 ∇ Proposed Location: Logged by: A. Park 2.0 314.0 HSA/SPT V Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 4.0 312.0 Hammer Type: Automatic Rig Type: CME 55 ATV Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) Reddish brown coarse to fine sand and coarse to fine gravel, little silt, trace clay, wet, very dense (SP) $\,$ 26 69 25.0-26.3 S-9 SS 16 119/10 ---50/4 ---Glacial Deposits 30 As above, some coarse to fine gravel (SP) Boring B-111 was terminated at approximately 30.2 feet below the ground surface. 50/2 2 30.0-30.2 50/2 S-10 SS ---40 _____ 45



Boring No : B-112

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Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 312.0 feet Date Started: 05-08-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 41.9 feet Date Completed: 05-08-2023 (ft) (ft) (ft) (ft) Data While Drilling: Building 1 Proposed Location: A. Park ∇ Logged by: 6.0 306.0 HSA/SPT Drill/Test Method: Contractor: Soil Testing, Inc. 4 At Completion: 6.0 306.0 CME 55 ATV Hammer Type: Automatic Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth (Feet) Rec RQD Remarks (ft) (Classification) Ν Number Type (in) % (mm:ss) 24 inches of concrete with no apparent subbase material Surface Cover Gray coarse to fine sand, little coarse to fine gravel, trace silt, moist (FILL) 57 42 2.0-4.0 S-1 SS 21 67 25 46 FILL As above, moist (FILL) 11 8 4.0-6.0 SS 20 15 S-2 7 8 Reddish brown coarse to fine sand, some coarse to fine gravel, trace 22 silt, wet, dense (SP) 17 6.0-8.0 S-3 SS 9 ---31 14 25 Reddish brown coarse to fine gravel, some coarse to fine sand, trace silt, wet, dense (GP) 14 20 8.0-10.0 S-4 SS 6 31 11 11 000 Reddish brown coarse to fine gravel, and coarse to fine sand, little silt, wet, medium dense (GP-GM) un m 000000 12 6 a 10.0-12.0 S-5 SS 8 11 mm 0000 5 4 multuri ահահահահահահա 15 Reddish brown coarse to fine sand, some coarse to fine gravel, trace Glacial silt, wet, loose (SP) 4 4 Deposits 15.0-17.0 S-6 SS 4 9 5 3 20 As above, medium dense (SP) 7 5 20.0-22.0 S-7 SS 24 16 ---9 15



Boring No : B-112

Page 2 of 2

3709-99-004EC Proposed Industrial Park Project: Proj. No.: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 312.0 feet Date Started: 05-08-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 41.9 feet Date Completed: 05-08-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 Logged by: A. Park ∇ 6.0 306.0 HSA/SPT V Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 6.0 306.0 Hammer Type: Automatic Rig Type: CME 55 ATV Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth (Feet) Rec RQD Remarks (ft) (Classification) Number Туре Ν (in) % (mm:ss) Reddish brown coarse to fine sand, some silt, little coarse to fine gravel, wet, very loose (SM) 3 1 25.0-27.0 S-8 SS 24 3 = 2 2 30 As above, and silt (SM) WOH 1 30.0-32.0 S-9 SS 24 2 = 1 1 Glacial Deposits Reddish brown coarse to fine sand, some coarse to fine gravel, trace silt, wet, medium dense (SP) un Inu 2 6 35.0-37.0 S-10 SS 24 13 Qp = 3.0 tsf Reddish brown silt, little coarse to fine sand, trace clay, wet, very stiff արտերո 7 13 (ML) արտիստիուն 40 Reddish brown coarse to fine sand, trace silt, wet, dense (SP) 25 14 40.0-41.9 S-11 SS 24 31 ---Reddish brown medium to fine sand, some silt, little clay, trace coarse 17 50/5 to fine gravel, wet, dense (SM) Boring B-112 was terminated at approximately 41.9 feet below the ground surface. 45



Boring No : B-113

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Proposed Industrial Park Proj. No.: 3709-99-004EC Project: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Date Started: 05-08-2023 Surface Elevation: 312.0 feet Depth EI. Depth EI. Groundwater Data Groundwater Data Termination Depth: 2.0 feet Date Completed: 05-08-2023 (ft) (ft) (ft) (ft) While Drilling: Proposed Location: Building 1 ∇ Logged by: A. Park NE HSA/SPT Soil Testing, Inc. T Drill/Test Method: Contractor: At Completion: NE Hammer Type: Manual Safety Rig Type: Diedrich D120 Sample Information Depth (ft) Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time (mm:ss) Depth (Feet) Remarks Rec RQD (Classification) Number Ν Туре (in) % 24 inches of concrete Surface Cover Boring B-113 encountered auger refusal at approximately 2 feet below 1111111 the ground surface on apparent obstruction. unitim. miliui 15 _____ 20



Boring No : B-113A

Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 312.0 feet Date Started: 05-08-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 12.0 feet Date Completed: 05-08-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 A. Park ∇ Logged by: 8.0 304.0 HSA/SPT Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 4 304.0 8.0 Manual Safety Rig Type: Diedrich D120 Hammer Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time RQD Remarks Depth Rec (ft) (Classification) Туре Ν Number (Feet) (in) % (mm:ss) Dark brown coarse to fine sand, and silt, trace coarse to fine gravel, moist (FILL) 6 3 0.0-2.0 S-1 SS 18 11 minulminulmi 6 5 Gray coarse to fine sand, some silt, trace coarse to fine gravel, moist (FILL) 7 13 2.0-4.0 S-2 SS 18 25 12 15 FILL Dark brown coarse to fine gravel, some silt, little coarse to fine sand, 28 moist (FILL) 14 4.0-6.0 SS 5 26 S-3 12 14 Dark brown and reddish brown coarse to fine sand, and coarse to fine gravel, little organic debris, trace silt, moist (FILL) 14 5 7 13 6.0-8.0 S-4 SS ---8 8 Xacaco Reddish brown coarse to fine gravel and coarse to fine sand, trace silt, wet, medium dense (GP) 9 8 8.0-10.0 S-5 SS 8 17 9 10 200 Glacial Deposits As above (GP) uninu. 20 6 5 10.0-12.0 S-6 SS 5 10 5 7 Boring B-113A encountered refusal at approximately 12 feet below the = ground surface on a probably boulder. 15 20



Boring No : B-114

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Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 312.0 feet Date Started: 05-08-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 32.0 feet Date Completed: 05-08-2023 (ft) (ft) (ft) (ft) Data While Drilling: Building 1 Proposed Location: ∇ Logged by: A. Park 9.0 303.0 HSA/SPT Drill/Test Method: Contractor: Soil Testing, Inc. 4 At Completion: 9.0 303.0 Manual Safety Diedrich D120 Hammer Type: Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth Rec RQD Remarks (ft) (Classification) Туре Ν Number (Feet) (in) % (mm:ss) 6 inches of concrete Surface Cover 6 inches of gravel subbase material 0.0-2.0 S-1 SS 6 Apparent perched Gray coarse to fine gravel, some coarse to fine sand, trace silt, wet (DGA $\ensuremath{\mathsf{FILL}})$ միախոհականակու groundwater at one 7 15 foot Apparent obstruction encountered at 2 to 3 feet Brown coarse to fine sand, little coarse to fine gravel, trace silt, moist (FILL) 17 16 3.0-5.0 S-2 SS 7 36 20 13 FILL As above (FILL) 10 10 5.0-7.0 S-3 SS 10 18 = 17 8 As above (FILL) 28 13 SS 7.0-9.0 S-4 11 24 11 7 Reddish brown coarse to fine sand and gravel, trace silt, wet, medium 8 9 dense (SP) 9.0-11.0 S-5 SS 8 22 ---10 13 9 As above (SP) 13 12 S-6 11.0-13.0 SS 3 23 ---11 13 As above (SP) 21 10 13.0-15.0 S-7 SS 10 18 ___ 8 9 mhunhunhun 15 As above (SP) 10 9 15.0-17.0 S-8 SS 14 17 8 7 Glacial Deposits _____ 20 As above, loose (SP) 4 7 20.0-22.0 S-9 SS 14 8 ---4 21



Boring No: B-114

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Proposed Industrial Park Proj. No.: 3709-99-004EC Project: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional 05-08-2023 Surface Elevation: 312.0 feet Date Started: Depth EI. Depth EI. Groundwater Data Groundwater Termination Depth: 32.0 feet Date Completed: 05-08-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 ∇ Logged by: A. Park 9.0 303.0 HSA/SPT T Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 303.0 9.0 Hammer Type: Manual Safety Rig Type: Diedrich D120 Sample Information Depth (ft) Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (Classification) Number Ν Туре (in) % (mm:ss) As above, dense (SP) 22 5 25.0-27.0 S-10 SS 24 39 ---17 21 munum Glacial Deposits 30 As above, very dense (SP) 21 34 30.0-32.0 S-11 SS 24 71 37 40 Boring B-114 was terminated at approximately 32 feet below the ground surface un Inn. III III 40 _____ 45



Boring No : B-115

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Proposed Industrial Park Project: Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 307.6 feet Date Started: 05-08-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 42.0 feet Date Completed: 05-08-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 A. Park Logged by: ∇ 5.0 302.6 HSA/SPT Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 4 5.0 302.6 Hammer Type: Automatic Rig Type: CME 55 ATV Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth (Feet) Rec RQD Remarks (ft) (Classification) Number Туре Ν (in) % (mm:ss) Augered to 2 feet through asphalt, subbase, and fill Surface Cover Grayish brown coarse to fine sand, little coarse to fine gravel, trace silt, moist (FILL) ппп 8 7 2.0-4.0 S-1 SS 16 12 FILL 5 6 As above (FILL) 5 5 v 11 4.0-6.0 S-2 SS 16 Reddish brown coarse to fine sand, some silt, wet, medium dense (SM) 6 5 As above, loose (SM) 3 2 6.0-8.0 S-3 SS 24 ---6 4 4 Reddish brown silt, little coarse to fine sand, wet, stiff (ML) = 2 1 8.0-10.0 S-4 SS 24 2 Qp = 1.5 tsf ---1 2 As above, trace coarse to fine sand, medium stiff (ML) unitaria. 2 2 10.0-12.0 S-5 SS 24 4 Qp = 0.5 tsf III III 2 2 hundaria Glacial 15 As above (ML) Deposits 2 3 15.0-17.0 S-6 SS 24 7 Qp = 0.5 tsf 4 6 = _____ 20 As above, some coarse to fine sand, little clay, stiff (ML) 7 4 20.0-22.0 S-7 SS 24 ---16 Qp = 1.5 tsf 9 7



Boring No : B-115

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Proposed Industrial Park 3709-99-004EC Project: Proj. No.: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 307.6 feet Date Started: 05-08-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 42.0 feet Date Completed: 05-08-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 Logged by: A. Park ∇ 5.0 302.6 HSA/SPT V Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 302.6 5.0 Hammer Type: Automatic Rig Type: CME 55 ATV Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) As above, trace medium to fine sand (ML) 5 4 25.0-27.0 S-8 SS 24 12 Qp = 1.0 tsf = 7 7 30 As above, wet (ML) WOH 2 30.0-32.0 S-9 SS 24 6 Qp = 1.5 tsf 4 4 Glacial Deposits Reddish brown coarse to fine sand, little coarse to fine gravel, trace silt, wet, very dense (SP) un Inu 21 27 35.0-37.0 S-10 SS 24 55 minninn 28 30 ահահահահա 40 As above, medium dense (SP) 19 7 40.0-42.0 S-11 SS 24 14 7 15 Boring B-115 was terminated at approximately 42 feet below the ground surface. = _____ 45



Boring No : B-116

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Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 312.0 feet Date Started: 05-08-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 30.9 feet Date Completed: 05-08-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 A. Park ∇ Logged by: 10.0 302.0 HSA/SPT Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 4 10.0 302.0 Manual Safety Rig Type: Diedrich D120 Hammer Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth RQD Remarks Rec (ft) (Classification) Туре Ν Number (Feet) (in) % (mm:ss) 6 inches of concrete with no apparent subbase material Surface Cover 25 10 Gray coarse to fine sand, trace silt, moist (FILL) 0.0-2.0 S-1 SS 18 50 mhuduuluuluu 25 25 As above (FILL) 46 48 2.0-3.4 S-2 SS 12 98/11 50/5 <u>_</u> Reddish brown and gray coarse to fine gravel and coarse to fine sand, 40 51 trace silt, moist (FILL) 4.0-6.0 SS 22 103 S-3 52 52 No recovery 52 34 6.0-7.7 S-4 SS 0 81 47 50/2 FILL Dark gray coarse to fine sand, and silt, little coarse to fine gravel, trace roots, moist (FILL) = 19 21 8.0-10.0 S-5 SS 18 37 16 28 **V**₁₀ No recovery unitaria. 41 38 10.0-12.0 S-6 SS 0 78 40 39 15 Reddish brown silt, trace medium to fine sand, wet, stiff (ML) 11 16 15.0-17.0 S-7 SS 9 31 Qp = 1.25 tsf 15 19 Glacial 20 As above, little clay (ML) Deposits 15 12 20.0-22.0 S-8 SS 14 32 ---17 21



Boring No : B-116

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Proj. No.: Proposed Industrial Park 3709-99-004EC Project: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional 05-08-2023 Surface Elevation: 312.0 feet Date Started: Depth EI. Depth EI. Groundwater Data Groundwater Termination Depth: 30.9 feet Date Completed: 05-08-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 ∇ Logged by: A. Park 302.0 10.0 HSA/SPT Soil Testing, Inc. T Drill/Test Method: Contractor: At Completion: 302.0 10.0 Manual Safety Hammer Type: Rig Type: Diedrich D120 Sample Information Depth (ft) Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (Classification) Number Ν Туре (in) % (mm:ss) Reddish brown coarse to fine sand, some coarse to fine gravel, trace silt, wet, loose (SP) $% \left({\left({{\rm{SP}}} \right)_{\rm{source}}} \right)$ 2 3 25.0-27.0 S-9 SS 8 8 5 13 Glacial Deposits 30 46 100/5 Reddish brown coarse to fine sand, trace silt, wet (SP) 30.0-30.9 11 100/5 S-10 SS Boring B-116 was terminated at approximately 30.9 feet below the ground surface. 40 45



Boring No: B-117

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Proposed Industrial Park Project: Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 312.0 feet Date Started: 05-09-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 37.0 feet Date Completed: 05-09-2023 (ft) (ft) (ft) (ft) Data Proposed Location: Building 1 While Drilling: Logged by: A. Park 8.0 304.0 HSA/SPT Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 4 302.0 10.0 Automatic Rig Type: CME 55 ATV Hammer Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth RQD Remarks Rec (ft) (Classification) Туре Ν Number (Feet) (in) % (mm:ss) 6 inches of concrete with no apparent subbase material Surface Cover 4 3 Reddish brown coarse to fine sand, some coarse to fine gravel, little 0.0-2.0 S-1 SS 7 9 silt, moist (FILL) 5 = Reddish brown coarse to fine sand, trace silt, moist (FILL) munum 18 8 2.0-4.0 S-2 SS 20 21 13 10 Reddish brown coarse to fine sand, some coarse to fine gravel, trace FILL 14 25 silt, moist (FILL) 4.0-6.0 SS 24 54 S-3 29 35 Reddish brown coarse to fine sand, trace silt, moist (FILL) 25 28 49 6.0-8.0 S-4 SS 24 ---21 22 ∇ Reddish brown coarse to fine sand, trace silt, wet, medium dense (SP) 6 8 8.0-10.0 S-5 SS 20 16 ---8 8 **V**₁₀ Reddish brown coarse to fine sand, some silt, wet , medium dense (SM) 6 7 10.0-12.0 S-6 SS 24 14 7 8 mhududududu 15 Reddish brown silt, some coarse to fine sand, wet, medium stiff (ML) 2 1 15.0-17.0 S-7 SS 24 4 Qp = 0.5 tsf Glacial 2 2 Deposits _____ 20 As above, trace coarse to fine sand (ML) 3 3 20.0-22.0 S-8 SS 24 5 ---2 2



Boring No : B-117

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Proposed Industrial Park 3709-99-004EC Project: Proj. No.: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 312.0 feet Date Started: 05-09-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 37.0 feet Date Completed: 05-09-2023 (ft) (ft) (ft) (ft) Data While Drilling: Building 1 Proposed Location: Logged by: A. Park ∇ 8.0 304.0 HSA/SPT V Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 302.0 10.0 Hammer Type: Automatic Rig Type: CME 55 ATV Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) As above (ML) 2 3 25.0-27.0 S-9 SS 24 6 Qp = 0.5 tsf ---= 3 8 30 As above (ML) 4 4 Glacial Deposits 30.0-32.0 S-10 SS 24 10 Brown coarse to fine sand, trace silt, wet, medium dense (SP) 6 6 Reddish brown coarse to fine sand, some coarse to fine gravel, trace silt, wet (SP) $% \left(\left(S^{2}\right) \right) =\left(S^{2}\right) \left(S$ And Inc. 4 6 35.0-37.0 S-11 SS 24 14 ---8 6 Boring B-117 was terminated at approximately 37 feet below the ground surface. 1111 IIII 40 45



Boring No : B-118

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Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 312.0 feet Date Started: 05-09-2023 Depth EI. EI. Depth Groundwater Data Groundwater 32.0 feet Termination Depth: Date Completed: 05-09-2023 (ft) (ft) (ft) (ft) Data Building 1 While Drilling: Proposed Location: A. Park Logged by: 7.5 304.5 HSA/SPT Drill/Test Method: Soil Testing, Inc. 7.5 Contractor: At Completion: 304.5 Manual Safety Diedrich D120 Hammer Type: Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time RQD Remarks Depth Rec (ft) (Classification) Ν Number Type (Feet) (in) % (mm:ss) 5 inches of concrete with no apparent subbase material Surface Cover Brown coarse to fine sand, some coarse to fine gravel, trace silt, moist 3 7 (FILL) 0.5-2.5 SS 9 13 -S-1 6 4 Grayish brown coarse to fine gravel, some coarse to fine sand, trace silt, moist (FILL) $% \left(\left(\mathsf{FILL}\right) \right) \right) =0$ 12 14 26 2.5-4.5 S-2 SS 5 12 7 Reddish brown coarse to fine sand, little coarse to fine gravel, trace silt, wet (SP) 7 9 4.5-6.5 S-3 SS 12 15 Apparent perched groundwater at 4.5 6 8 feet As above, moist (FILL) 7 7 6.5-8.5 S-4 SS 18 18 As above, wet (FILL) 11 17 Reddish brown coarse to fine gravel, some coarse to fine sand, trace silt, wet (FILL) 8 6 8.5-10.5 S-5 SS 10 13 7 7 Reddish brown coarse to fine sand, some silt, trace coarse to fine gravel, wet (FILL) un Inu 22 39 10.5-12.5 SS 12 65 S-6 26 17 FILL As above, little coarse to fine gravel, trace debris (brick) (FILL) 11 14 13.0-15.0 S-7 SS 15 26 12 15 15 As above, trace clay (FILL) 7 11 15.0-17.0 S-8 SS 24 25 14 17 20 Reddish brown coarse to fine sand, some coarse to fine gravel, little silt, trace debris (roots), wet (FILL) 46 15 20.0-22.0 S-9 SS 20 98 ---52 53



Boring No : B-118

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Proposed Industrial Park 3709-99-004EC Project: Proj. No.: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional 05-09-2023 Surface Elevation: 312.0 feet Date Started: Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 32.0 feet Date Completed: 05-09-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 ∇ 7.5 Logged by: A. Park 304.5 HSA/SPT Soil Testing, Inc. V Drill/Test Method: Contractor: At Completion: 7.5 304.5 Hammer Type: Manual Safety Rig Type: Diedrich D120 Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) Reddish brown silt, some coarse to fine sand, wet, stiff (ML) 27 40 25.0-27.0 S-10 SS 22 71 Qp = 1.5 tsf ---31 26 Glacial Deposits 30 Reddish brown, medium to fine sand, some silt, trace clay, wet, medium dense (SM) 11 13 30.0-32.0 S-11 SS 12 28 15 16 Boring B-118 was terminated at approximately 32 feet below the ground surface un line. miliui 40 _____ 45



Boring No : B-119

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Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 312.0 feet Date Started: 05-10-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 32.0 feet Date Completed: 05-10-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 ∇ Logged by: J. Gomez 10.0 302.0 HSA/SPT Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 4 12.0 300.0 Manual Safety Diedrich D120 Hammer Type: Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth (Feet) RQD Remarks Rec (ft) (Classification) Ν Number Туре (in) % (mm:ss) 6 inches of concrete with no apparent subbase material Surface Cover Brown coarse to fine sand, some coarse to fine gravel, trace silt, moist (FILL) 6 5 mununun 1.0-3.0 SS 14 S-1 18 ---8 9 FILL As above (FILL) 5 4 3.0-5.0 S-2 SS 18 10 6 5 Brown coarse to fine sand, some coarse to fine gravel, trace silt, moist, medium dense (SP) 6 6 5.0-7.0 S-3 SS 12 23 = 17 25 Reddish brown coarse to fine sand, little silt, moist, very dense (SP-SM) 43 39 SS 7.0-9.0 S-4 18 74 -35 41 ∇_{10} Reddish brown coarse to fine sand, some silt, wet, medium dense (SM) 7 9 10.0-12.0 S-5 SS 13 19 Reddish brown silt, and fine sand, wet, stiff (ML) 10 12 <u>mhadadadadada a</u> Glacial 15 Reddish brown medium to fine sand, trace silt, wet, medium dense Deposits (SP-SM) 3 5 15.0-17.0 S-6 SS 10 14 9 13 20 As above (SP-SM) 4 3 20.0-22.0 S-7 SS 14 15 ---11 15



Boring No: B-119

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Proj. No.: Proposed Industrial Park 3709-99-004EC Project: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 312.0 feet Date Started: 05-10-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 32.0 feet Date Completed: 05-10-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 ∇ Logged by: J. Gomez 10.0 302.0 HSA/SPT T Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 300.0 12.0 Hammer Type: Manual Safety Rig Type: Diedrich D120 Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) Brown silt, trace coarse to fine sand, wet, very stiff (ML) 9 7 25.0-27.0 S-8 SS 16 24 ---15 23 Glacial Deposits 30 Brown coarse to fine sand, trace silt, trace coarse to fine gravel, wet, dense (SP) 7 9 30.0-32.0 S-9 SS 16 40 31 48 Boring B-119 was terminated at approximately 32 feet below the ground surface unitim. 40 _____ 45



Boring No : B-120

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Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 312.0 feet Date Started: 05-09-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 35.4 feet Date Completed: 05-09-2023 (ft) (ft) (ft) (ft) Data Proposed Location: Building 1 While Drilling: A. Park Logged by: 8.0 304.0 HSA/SPT Drill/Test Method: Contractor: Soil Testing, Inc. 4 304.0 At Completion: 8.0 Automatic Rig Type: CME 55 ATV Hammer Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth RQD Remarks Rec (ft) (Classification) Туре Ν Number (Feet) (in) % (mm:ss) 6 inches of concrete with no apparent subbase material Surface Cover 18 10 Brown coarse to fine sand, some coarse to fine gravel, little silt, moist 0.0-2.0 S-1 SS 16 27 (FILL) 23 ահահահ 9 Light brown coarse to fine sand, some silt, little coarse to fine gravel, moist (FILL) 17 14 2.0-4.0 S-2 SS 20 29 15 18 As above (FILL) 9 16 4.0-6.0 SS 18 33 S-3 17 15 Reddish brown coarse to fine sand, some silt, trace coarse to fine gravel, moist (FILL) 13 15 6.0-8.0 S-4 SS 24 ---31 16 13 Reddish brown coarse to fine sand, some coarse to fine gravel, trace silt, wet (FILL) 7 7 8.0-10.0 S-5 SS 24 14 ---7 8 As above (FILL) 10 13 10.0-12.0 S-6 SS 22 22 9 10 FILL Reddish brown coarse to fine sand, some silt, little coarse to fine gravel, trace clay, trace debris (brick) wet (FILL) 5 9 13.0-15.0 S-7 SS 20 16 ___ 7 9 15 As above (FILL) 10 9 15.0-17.0 S-8 SS 17 21 12 10 20 As above (FILL) 16 15 20.0-22.0 S-9 SS 22 34 ---18 21



Boring No : B-120

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Proj. No.: Proposed Industrial Park 3709-99-004EC Project: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional 05-09-2023 Surface Elevation: 312.0 feet Date Started: Depth EI. Depth EI. Groundwater Data Groundwater Termination Depth: 35.4 feet Date Completed: 05-09-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 ∇ Logged by: A. Park 304.0 8.0 HSA/SPT Soil Testing, Inc. T Drill/Test Method: Contractor: At Completion: 304.0 8.0 Hammer Type: Automatic Rig Type: CME 55 ATV Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) Brown coarse to fine sand, trace silt, wet, very loose (SP) 1 1 25.0-27.0 S-10 SS 24 3 2 2 -30 Glacial As above, loose (SP) Deposits 1 2 30.0-32.0 S-11 SS 24 4 2 3 35 100/5 --35.0-35.4 S-12 SS 24 100/5 **Malinu** As above, very dense (SP) ---Boring B-120 was terminated at approximately 35.4 feet below the ground surface. III III 40 _____ 45



Boring No : B-121

Page 1 of 2

Project: Proposed Industrial Park Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 312.0 feet Date Started: 05-09-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 32.0 feet Date Completed: 05-09-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 A. Park ∇ Logged by: 10.0 302.0 HSA/SPT Drill/Test Method: Contractor: Soil Testing, Inc. 4 At Completion: 10.0 302.0 CME 55 ATV Hammer Type: Automatic Rig Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time RQD Remarks Depth Rec (ft) (Classification) Туре Ν Number (Feet) (in) % (mm:ss) 5 inches of concrete with no apparent subbase material Surface Cover 7 Brown coarse to fine sand, some silt, moist (FILL) 0.0-2.0 S-1 SS 18 25 18 30 Brown coarse to fine sand, some coarse to fine gravel, trace silt, moist mhululu FILL 31 41 (FILL) 2.0-4.0 S-2 SS 20 73 32 26 Reddish brown coarse to fine sand, little coarse to fine gravel, trace 10 12 silt, moist, medium dense (SP) 4.0-6.0 SS 18 24 S-3 12 13 As above (SP) 9 9 19 6.0-8.0 S-4 SS 24 ---10 10 As above (SP) 6 7 8.0-10.0 S-5 SS 18 14 ---7 6 **V**₁₀ Reddish brown coarse to fine sand, little silt, wet, medium dense (SPunitaria. SM) 5 5 10.0-12.0 S-6 SS 20 11 6 5 Reddish brown coarse to fine sand, trace silt, wet, loose (SP) 2 3 13.0-15.0 S-7 SS 24 7 ___ Glacial 4 1 Deposits 15 As above, medium dense (SP) 7 5 15.0-17.0 S-8 SS 24 10 5 14 20 Reddish brown medium to fine sand, and silt, wet, loose (SM) 4 3 20.0-22.0 S-9 SS 24 8 ---4 5



Boring No : B-121

Page 2 of 2

Proj. No.: Proposed Industrial Park 3709-99-004EC Project: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional 05-09-2023 Surface Elevation: 312.0 feet Date Started: Depth EI. Depth EI. Groundwater Data Groundwater Termination Depth: 32.0 feet Date Completed: 05-09-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 ∇ Logged by: A. Park 10.0 302.0 HSA/SPT Soil Testing, Inc. V Drill/Test Method: Contractor: At Completion: 302.0 10.0 Hammer Type: Automatic Rig Type: CME 55 ATV Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (ft) (Classification) Number Ν Туре (in) % (mm:ss) Reddish brown silt, and medium to fine sand, stiff (ML) 6 4 25.0-27.0 S-10 SS 24 12 ---6 4 Glacial Deposits 30 Reddish brown coarse to fine sand, trace silt, trace clay, wet, medium dense (SP-SM) $% \left(\left(SP-SM\right) \right) \right) =0.011$ 8 12 30.0-32.0 S-11 SS 14 20 8 10 Boring B-121 was terminated at approximately 32 feet below the ground surface un line. 40 _____ 45



Boring No : B-122

Page 1 of 2

Proposed Industrial Park Project: Proj. No.: 3709-99-004EC Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 312.0 feet Date Started: 05-10-2023 Depth EI. EI. Depth Groundwater Data Groundwater Termination Depth: 32.0 feet Date Completed: 05-10-2023 (ft) (ft) (ft) (ft) Data While Drilling: Building 1 Logged by: ∇ Proposed Location: J. Gomez 10.0 302.0 HSA/SPT Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: 4 NE Automatic Rig Type: CME 55 ATV Hammer Type: Sample Information Depth Strata DESCRIPTION OF MATERIALS Blows per 6' or drill time Depth (Feet) Rec RQD Remarks (ft) (Classification) Туре Ν Number (in) % (mm:ss) 6 inches of concrete and 6 inches of gravel subbase Surface Cover ---___ 0.0-2.0 S-1 SS 8 Reddish brown coarse to fine sand, trace silt, moist (FILL) 2 6 As above (FILL) 6 5 FILL 2.0-4.0 S-2 SS 10 9 4 4 Reddish brown coarse to fine sand, little silt, moist, medium dense 8 (SM) 6 11 4.0-6.0 SS 18 S-3 5 6 As above, loose (SM) 6 5 6.0-8.0 9 S-4 SS 20 ---4 9 As above (SM) 3 3 8.0-10.0 S-5 SS 16 6 ---3 3 ∇_{10} untim As above, wet (SM) 4 3 10.0-12.0 S-6 SS 12 6 mini 3 3 Glacial Deposits 15 As above, brown (SM) 2 3 15.0-17.0 S-7 SS 17 6 3 4 Brown coarse to fine sand, trace silt, trace coarse to fine gravel, wet, medium dense (SP) 20 12 14 20.0-22.0 S-8 SS 24 ---29 15 20



Boring No : B-122

Page 2 of 2

Proposed Industrial Park Proj. No.: 3709-99-004EC Project: Location: 25 Old Mill Road, Village of Suffern, Rockland County, New York Client: Brookfield Properties Additional Surface Elevation: 312.0 feet Date Started: 05-10-2023 Depth EI. Depth EI. Groundwater Data Groundwater Termination Depth: 32.0 feet Date Completed: 05-10-2023 (ft) (ft) (ft) (ft) Data While Drilling: Proposed Location: Building 1 ∇ Logged by: 302.0 J. Gomez 10.0 HSA/SPT T Drill/Test Method: Contractor: Soil Testing, Inc. At Completion: NE Hammer Type: Automatic Rig Type: CME 55 ATV Sample Information Depth (ft) Strata DESCRIPTION OF MATERIALS Blows per 6" or drill time Depth (Feet) Remarks Rec RQD (Classification) Number Ν Туре (in) % (mm:ss) As above (SP) 6 8 25.0-27.0 S-9 SS 24 17 ---9 11 munum Glacial Deposits 30 Brown silt, some coarse to fine sand, wet, stiff (ML) 6 6 30.0-32.0 S-10 SS 24 13 -7 8 Boring B-122 was terminated at approximately 32 feet below the ground surface un line. mlm 40 _____ 45





Project:	Proposed	I Industri	al Park							Proj. No.:	3709-99-004EC		
Location:	25 Old M	ill Road,	Village of Su	ffern, Rockland Co	unty, N	ew York				Client:	Brookfield Prope	rties	
Surface Elev	vation:		3	12.0 feet	Date	Started:	05-09-2023	Groundwater Data	Depth	EI.	Additional Groundwater	Depth	EI.
Termination	Depth:			7.3 feet		Completed:	05-09-2023		(ft)	(ft)	Data	(ft)	(ft)
Proposed Lo	ocation:		В	uilding 1		jed by:	J. Gomez Neighbors Property Management	First Encountered: V	NE	-			
						ractor: Гуре:	Management Bobcat E60	At Completion:	NE	-			
Sample	e Informati	on	Depth		Rig	ype.							
Depth (Feet)	Number	Туре	(FT)	Strata			DE	SCRIPTION OF MATERIA (Classification)	LS			Rem	arks
0.0 - 0.6				Surface Cover		7 inches of concret	te slab with no apparent s	ubbase material					
0.6 - 4.0	S-1	Bag	2.0	FILL		Reddish brown coa	arse to fine sand, little silt,	little coarse to fine gravel,	trace debr	is (stone), mois	st (FILL)		
			4.0	XX	\times								
4.0 - 7.3	S-2	Bag	6.0	Glacial Deposits				It, trace coarse to fine grav					
			8.0			iest Pit 1P-1 was t	erminated at approximate	ly 7.3 feet below the grour	la surrace.				
			10.0										





Project:	Proposed	d Industri	al Park							Proj. No.:	3709-99-004EC		
Location:	25 Old M	ill Road,	Village of Su	Iffern, Rockland Co	ounty, N	lew York				Client:	Brookfield Prope	rties	
Surface Elev	vation:		3	308.4 feet	Date	Started:	05-09-2023		Depth	EI.	Additional	Depth	EI.
Termination	Depth:			7.3 feet	Date	Completed:	05-09-2023	Groundwater Data	(ft)	(ft)	Groundwater Data	(ft)	(ft)
Proposed L	ocation:		E	Building 1		ged by:	J. Gomez Neighbors Property Management	First Encountered:	NE	-			
						tractor:	Management	At Completion:	NE	-			
Sample	e Informati	on	Depth		Rig	Type:	Bobcat E60						
Depth	Number	Туре	(FT)	Strata			DE	SCRIPTION OF MATERIA (Classification)	LS			Rem	arks
(Feet)	Number	туре	()					(Classification)					
0.0 - 0.9				Surface Cover	\times	9 inches of asphal	Itic concrete with 2 inches	of gravel subbase					
0.9 - 4.5	S-1	Bag	2.0	FILL		Reddish brown co	varse to fine sand, little coa	arse to fine gravel, trace sil	it, trace cob	bles, moist (FII	LL)		
			4.0										
4.5 - 7.3	S-2	Bag	6.0	Glacial Deposits		Bluish gray coarse	e to fine sand, some clay,	trace fine roots, moist (SC)					
			8.0			Test Pit TP-2 was	terminated at approximate	ely 7.3 feet below the groun	nd surface.				
			10.0										



Project:	Proposed									Proj. No.:	3709-99-004EC		
Location:		ill Road,		Iffern, Rockland Co						Client:	Brookfield Prope		
Surface Elev				312.0 feet		Started:	05-09-2023	Groundwater Data	Depth	EI.	Additional Groundwater	Depth	EI.
Termination Proposed L				8.6 feet		Completed:	05-09-2023	First Encountered: 🗸	(ft)	(ft)	Data	(ft)	(ft)
Proposed L	ocation:		-	Building 1		jed by: ractor: N	J. Gomez leighbors Property Management	At Completion:	NE NE	-			
						ype:	Bobcat E60	· · · ·					
Sample	e Informati	on	Depth				DE		10				
Depth (Feet)	Number	Туре	(FT)	Strata			DE	SCRIPTION OF MATERIA (Classification)	15			Rem	narks
0.0 - 0.5				Surface Cover	silie silie silie s silie silie	6 inches of topsoil							
0.5 - 5.0	S-1	Bag	2.0	FILL		Reddish brown coarse f	to fine sand, some si	t, little coarse to fine grave	el, trace cob	bles, moist (Fl	LL)		
			4.0			P							
5.0 - 8.6	S-2	Bag	6.0	Glacial Deposits		Yellowish brown coarse	e to fine sand, trace c	parse to fine gravel, trace	silt, moist (S	3P)			
			8.0										
			10.0			Test Pit TP-3 was termi	nated at approximate	ly 8.6 feet below the grou	nd surface.				





Project:	Proposed		ial Park							Proj. No.:	3709-99-004EC	ige 1 of 1	
ocation:				Iffern, Rockland Cou	inty, N	ew York				Client:	Brookfield Prope	rties	
Surface Elev			-	12.0 feet		Started:	05-09-2023	One of the second se	Depth	EI.	Additional	Depth	EI.
ermination				8.2 feet		Completed:	05-09-2023	Groundwater Data	(ft)	(ft)	Groundwater Data	(ft)	(ft)
roposed Lo				Building 1	Logo	jed by:		First Encountered:	NE	-			
						ractor:	J. Gomez Neighbors Property Management	At Completion:	NE	-			
					Rig 1	Гуре:	Bobcat E60						
Depth	e Informatio		Depth (FT)	Strata			DE	SCRIPTION OF MATERIA (Classification)	LS			Rem	arks
(Feet)	Number	Туре	()					(Classification)					
0.0 - 0.5				Surface Cover		6 inches of concre	ete with no apparent subba	ase material					
0.5 - 3.3	S-1	Bag	2.0			Brown coarse to fi	ine sand, some silt, some	coarse to fine gravel, little	cobbles, mo	ist (FILL)			
				FILL									
3.3 - 5.3	S-2	Bag	4.0			Reddish brown co	parse to fine sand, little silt	little coarse to fine gravel,	, trace cobbl	es (FILL)			
5.3 - 8.2	S-3	Bag	6.0	Glacial Deposits		Yellowish brown c	coarse to fine sand, little si	t, trace coarse to fine grav	el, trace cob	bbles, moist (S	SM)		
			8.0										
						Test Pit TP-4 was	terminated at approximate	ely 8.2 feet below the groun	nd surface.				
			10.0										



	_			c							Pa	age 1 of 1	
Project:	Proposed	I Industri	al Park							Proj. No.:	3709-99-004EC		
Location:	25 Old M	ill Road,	Village of Su	iffern, Rockland Cou	unty, Ne	w York				Client:	Brookfield Prope	erties	
Surface Elev	vation:		3	12.0 feet	Date	Started:	05-09-2023	Groundwater Data	Depth	EI.	Additional Groundwater	Depth	EI.
Fermination	Depth:			9.0 feet	Date	Completed:	05-09-2023		(ft)	(ft)	Data	(ft)	(ft)
Proposed Lo	ocation:		E	Building 1		ed by:	J. Gomez	First Encountered:	NE	-			
						actor:	J. Gomez Neighbors Property Management Bobcat E60	At Completion:	NE	-			
					Rig T	ype:	Bobcat E60						
Depth	e Informati		Depth	Strata			D	ESCRIPTION OF MATERIA	LS			Rem	arks
(Feet)	Number	Туре	(FT)	Strata				(Classification)					lanto
0.0 - 1.0						12 inches of fill de	ebris (brick, masonry, woo	od, concrete)					
1.0 - 4.8	S-1	Bag	2.0			Reddish brown co	parse to fine sand, little co	parse to fine gravel, trace sil	t, trace cob	bles, moist (Fl	LL)		
			4.0	FILL								Apparent groundwa fe	t perched ater at 4.8 et
4.8 - 8.0	S-2	Bag	6.0			As above, wet (Fil)						
			8.0					•					
8.0 - 9.0	S-3	Bag				Yellowish brown c	coarse to fine sand, little s	ilt, trace coarse to fine grav	el, moist (F	ILL)	*		
						Test Pit TP-5 was	terminated at approxima	tely 9 feet below the ground	surface.				
			10.0										





				e								ige 1 of 1	
Project:	Proposed									Proj. No.:	3709-99-004EC		
Location:	25 Old M	ill Road,	-	iffern, Rockland Cou	unty, Ne	ew York		1		Client:	Brookfield Prope	rties	
Surface Elev	vation:		3	809.1 feet	Date	Started:	05-09-2023	Groundwater Data	Depth	El.	Additional Groundwater	Depth	EI.
Termination				7.7 feet		Completed:	05-09-2023		(ft)	(ft)	Data	(ft)	(ft)
Proposed Lo	ocation:		E	Building 1		ed by:	J. Gomez Neighbors Property Management	First Encountered:	NE	-			
						ractor:	Management	At Completion:	NE	-			
Someli	e Informatio	00	Denth		Rig T	ype:	Bobcat E60						
Depth			Depth (FT)	Strata			DE	SCRIPTION OF MATERIA	LS			Rem	arks
(Feet)	Number	Туре	([])					(Classification)					
					ta shta shta s								
				الدي	6 36	10 · · · · · ·							
0.0 - 1.0					silte s lte silte	12 inches of topso	01						
					site s te site								
			-	X									
					\sim								
1.0 - 2.0	S-1	Bag			\sim	Brown coarse to fi	ne sand, some medium to	fine roots, little silt, trace o	coarse to fir	ne gravel, mois	t (FILL)		
					\times								
			2.0		\otimes								
					\otimes								
					$\langle \rangle \rangle$								
] 🛛 🕅	\otimes								
					\times								
					\sim								
2.0 - 4.8	S-2	Bag			\otimes	Brown coarse to fi	ne sand, little coarse to fir	ne gravel, little cobbles, tra	ce silt, mois	st (FILL)			
		U			\sim			0		()			
					\otimes								
			4.0	FILL	\times								
					\sim								
					\times								
			-		\sim								
					\times								
					\times								
					\otimes								
					\otimes								
4.8 - 7.2	S-3	Bag	6.0		\otimes	Bluish gray coarse	to fine cand little cabble	s, trace silt, trace coarse to	fine gravel	moist (Ell I)		Terraco	tta nine
4.0 - 7.2	3-3	Day	0.0		\sim	Didisit gray coarse	to fine sand, intre cobbie		nine graver			encountere	ed at 6 feet
					\otimes								
					\times								
					\otimes								
					\bigotimes								
70 77	6.4	De-]	Glacial		Poddiob berger	oroo to fine energi little		to for		21		
7.2 - 7.7	S-4	Bag		Deposits		rteaaisn prown co	arse to fine sand, little col	obles, trace silt, trace coars	se to tine gr	avei, moist (SF	7		
			1	[[.		Test Pit TP-6 was	terminated at approximate	ely 7.7 feet below the groun	nd surface.				
			8.0					C C					
			10.0										
			10.0										
			-										





Project:	Proposed									Proj. No.:	3709-99-004EC		
ocation:		ill Road, '	-	uffern, Rockland Co				1		Client:	Brookfield Prope		
Surface Elev				312.0 feet		Started:	05-09-2023	Groundwater Data	Depth	EI.	Additional Groundwater	Depth	EI.
ermination				6.9 feet		Completed:	05-09-2023		(ft)	(ft)	Data	(ft)	(ft)
Proposed L	ocation:		E	Building 1	Logge		J. Gomez Neighbors Property Management	First Encountered: At Completion:	NE	-			
					Contra		Management Bobcat E60	At Completion:	NE	-			
Sample	e Informati	on	Danth	1	Rig Ty	/pe:	Bobcal E00						
Depth			Depth (FT)	Strata			DE	SCRIPTION OF MATERIA	LS			Rem	arks
(Feet)	Number	Туре	(11)					(Classification)					
0.0 - 0.5				Surface Cover	6	inches of concr	ete with no apparent subb	ase material					
0.5 - 2.5	S-1	Bag	2.0		F	Reddish brown co	parse to fine sand, little silt	, little coarse to fine gravel,	little cobble	s, moist (FILL	.)		
2.5 - 5.6	S-2	Bag	4.0	FILL	A	As above (FILL)							
5.6 - 6.9	S-3	Bag	6.0	Glacial Deposits				It, little coarse to fine grave		es, moist (SM)		
			8.0										
			10.0										





Project:	Proposed	I Industri	al Park							Proj. No.:	3709-99-004EC		
Location:	25 Old M	ill Road,	Village of Su	ffern, Rockland Co	unty, N	ew York				Client:	Brookfield Prope	rties	
Surface Elev	vation:		3	12.0 feet	Date	Started:	05-09-2023	Groundwater Data	Depth	EI.	Additional Groundwater	Depth	EI.
Termination	Depth:			6.6 feet		Completed:	05-09-2023		(ft)	(ft)	Data	(ft)	(ft)
Proposed Lo	ocation:		B	uilding 1		ged by: tractor:	J. Gomez Neighbors Property Management	First Encountered: At Completion: ▼	NE NE	-			
						Гуре:	Management Bobcat E60	At Completion:	INE	-			
Sample	e Informati	on	Depth		lug								
Depth (Feet)	Number	Туре	(FT)	Strata			DE	SCRIPTION OF MATERIA (Classification)	LS			Rem	narks
0.0 - 0.5				Surface Cover		7 inches of concre	ete with no apparent subba	ase material					
0.5 - 4.2	S-1	Bag	2.0	FILL		Reddish brown co	parse to fine sand, some o	parse to fine gravel, little si	it, trace cot	obles, mois (FIL	.L)		
4.2 - 6.6	S-2	Bag	6.0	Glacial Deposits				barse to fine gravel, trace s			P)		
			8.0										
			10.0										





														age 1 of 1	
Project:	Proposed	d Industri	ial Park									Proj. No.:	3709-99-004EC		
ocation:	25 Old M	ill Road,	Village of S	uffern, Rockland Co	unty, New York							Client:	Brookfield Prope	erties	
urface Elev	vation:		;	312.0 feet	Date Started		05-	-09-2023	0		Depth	EI.	Additional	Depth	EI.
ermination	Depth:			8.1 feet	Date Comple	ted:		-09-2023	Groundwater Da		(ft)	(ft)	Groundwater Data	(ft)	(ft)
roposed Lo	ocation:		I	Building 1	Logged by:		J.	Gomez	First Encountered	:	NE	-			
					Contractor:		Mar	Gomez ors Property nagement	At Completion:		NE	-			
					Rig Type:		Bol	bcat E60							
	e Informati	on	Depth					DE	SCRIPTION OF MA		s			_	
Depth (Feet)	Number	Туре	(FT)	Strata					(Classification)					Rem	arks
()					2 N - 22 2 N - 22										
				Surface Cover	7 inche	of conc	crete and 4 in	ches of gravel	subbase						
0.0 - 0.9															
				K	\times										
			1												
					XX -										
00.20	6.1	Dan					fine could a		abblaa tuosa dabuia ((nleatio)	mariat (El				
0.9 - 3.0	S-1	Bag	2.0		Brown	barse to	o fine sand, se	ome slit, little c	obbles, trace debris (plastic)	, moist (FI	LL)			
				I R											
				K											
			4.0												
				FILL											
				l K					1						
					XXX										
3.0 - 8.1	S-2	Bag			Brown	parse to	o fine sand, lit	ttle coarse to fir	ne g <mark>ravel</mark> , trace silt, t	race col	bbles, moi	st (FILL)			
					\sim										
			6.0												
				l K											
				I K	\times										
				$ $ \mathbb{R}	\times										
					\sim										
			8.0	I K	\times									Duotile :	ron nin-
			0.0		Tank Dit		o torminet	ot opproving - t			lourfaar			Ductile i encountere	ed at 8 f
					lest Pit	г-9 Wa	as terminated	at approximate	ely 8.1 feet below the	ground	a surrace.				
			10.0												
														1	





Project:	Proposed	d Industri	ial Park							Proj. No.:	3709-99-004EC		
ocation:				Iffern, Rockland Co	untv. N	ew York				Client:	Brookfield Prope	rties	
urface Ele				310.0 feet		Started:	05-03-2023		Depth	EI.	Additional	Depth	EI.
				10.3 feet		Completed:	05-03-2023	Groundwater Data	-		Groundwater	-	
ermination				Building 1		ged by:		First Encountered:	(ft) NE	(ft) -	Data	(ft)	(ft)
roposed L	ocation.			Januliy I		tractor:	U. Khan Neighbors Property Management	At Completion:	NE	-			
						Гуре:	Management Bobcat E60	· · · · · · · · · · · · · · · · · · ·					
Sample Depth	e Informati		Depth	Strata	1 -		DE	SCRIPTION OF MATERIA	LS	1		Rem	arks
(Feet)	Number	Туре	(FT)		lla silla			(Classification)					
0.0 - 1.0	S-1	Bag		Surface Cover	ه ماله ماله ماله ماله ماله ماله ماله	12 inches of topso	ที						
1.0 - 3.3	S-2	Bag	2.0	FILL		Brown coarse to fi and bricks), moist	ne sand, some silt, some (FILL)	coarse to fine gravel, som	e cobbles a	nd boulders, li	ttle debris (metal		
3.3 - 4.9	S-3	Bag	4.0			Dark gray and gra	yish brown coarse to fine	sand, some coarse to fine	gravel, little	e clay, little silt,	moist (FILL)	Apparent groundwa fe	t perche ater at 4 et
4.9 - 6.6	S-4	Bag	6.0			Pale brown coarse	e to fine sand, little silt, littl	e coarse to fine gravel, litt	e cobbles a	nd boulders, r	noist (SM)		
6.6 - 10.3	S-5	Bag	8.0	Glacial Deposits		Gray and strong b	rown silt, little clay, little co	parse to fine sand, moist, h	ard (ML)			Qp > -	4.5 tsf
			10.0			Test Pit TP-10 was	s terminated at approxima	tely 10.3 feet below the gr	ound surfac	e.			





Project:	Proposed		al Park							Proj. No.:	3709-99-004EC		
				iffern, Rockland Cou	unty, N	ew York				Client:	Brookfield Prope	rties	
Surface Elev		,		12.0 feet	-	Started:	05-09-2023	Crown trusts D (Depth	EI.	Additional	Depth	EI.
Termination				9.0 feet		Completed:	05-09-2023	Groundwater Data	(ft)	(ft)	Groundwater Data	(ft)	(ft)
Proposed Lo	ocation:		E	Building 1		jed by:	J. Gomez Neighbors Property Management	First Encountered:	8.8	303.2			
					Cont Rig 1	ractor:	Management Bobcat E60	At Completion:	8.8	303.2			
Sample	Informati	on	Depth		Rig	lype:							
Depth (Feet)	Number	Туре	(FT)	Strata			DES	SCRIPTION OF MATERIA (Classification)	LS			Rem	arks
0.0 - 0.6					116 546 5 546 5 546 546 546 5	7 inches of topsoil							
0.6 - 3.8	S-1	Bag	2.0			Brown coarse to fir (FILL)	ne sand, some clay, some	coarse to fine gravel, little	cobbles, tr	ace debris (roj	pe and fine roots)		
3.8 - 8.8	S-2	Bag	4.0 6.0 8.0 ▽ ▼	FILL				rse to fine gravel, moist (F	ILL)				
8.8 - 9.0			▼		\times	As above, wet (FIL	L)						
0.0-9.0			10.0		~ ~ ~			ent boulder at approximate	ely 9 feet be	elow the groun	d surface.		
L	I	L	I	1		1							





				k.								ige i oi i	
-	Proposed			for Deally 10		. Ma ala				Proj. No.:	3709-99-004EC		
		III Road,		uffern, Rockland Cou			05 (0.0000			Client:	Brookfield Prope		
Surface Elev				312.0 feet	Date St		05-10-2023	Groundwater Data	Depth	EI.	Groundwater	Depth	EI.
Termination Proposed Lo				3.6 feet Building 1	Date Co Logged	ompleted:	05-10-2023	First Encountered: V	(ft) NE	(ft) -	Data	(ft)	(ft)
	Jeanon.			Juliung	Contrac		J. Gomez Neighbors Property Management	At Completion:	NE	-			
					Rig Typ		Management Bobcat E60						
	Informati	on	Depth				DE	SCRIPTION OF MATERIA			-1		1
Depth (Feet)	Number	Туре	(FT)	Strata				(Classification)	10			Rem	narks
0.0 - 1.3					15	inches of demo	olition debris						
1.3 - 2.5			2.0	FILL	Bro	own coarse to f bist (FILL)	fine sand, some clay, some	coarse to fine gravel, som	ie debris (m	etal pipe, wire	es, tarp, pipe),		
2.5 - 3.6	S-1	Bag			Gr	ay coarse to fin	ne sand, some coarse to fil	ne gravel, little silt, moist (F	ILL)			PVC encounter	pipe ed at 3 fee
			4.0		Te	st Pit TP-12 wa	as terminated at approxima	tely 3.6 feet below the grou	und surface.				
			6.0										
			8.0										
			10.0										





S-1	ill Road,	Village of Su	Surface Cover	Date Started: Date Completed Logged by: Contractor: Rig Type: Mc_sMc_s Mc_sMc_s Mc_sMc_s Mc_sMc_s	U. Khan Neighbors Property Management Bobcat E60 DE	Groundwater Data First Encountered: ▼ At Completion: ▼ SCRIPTION OF MATERIA (Classification)		Proj. No.: Client: EI. (ft) 304.2 304.2 	3709-99-004EC Brookfield Prope Additional Groundwater Data	rties Depth (ft) Rem	EI. (ft)
tion: epth: ation: nformation: Number	on Type	Depth (FT)	310.3 feet 9.9 feet Building 1 Strata	Date Started: Date Completed Logged by: Contractor: Rig Type: Mc_sMc_s Mc_sMc_s Mc_sMc_s Mc_sMc_s	t: 05-04-2023 U. Khan Neighbors Property Management Bobcat E60 DE	First Encountered: V At Completion: V SCRIPTION OF MATERIA (Classification)	(ft) 6.1 6.1	EI. (ft) 304.2 304.2	Additional Groundwater Data	Depth (ft)	(ft)
epth: ation: nformation Number	Туре	Depth (FT)	9.9 feet Building 1 Strata	Date Completed Logged by: Contractor: Rig Type: Mc_sMc_s Mc_sMc_9 inches of Mc_sMc_9	t: 05-04-2023 U. Khan Neighbors Property Management Bobcat E60 DE	First Encountered: V At Completion: V SCRIPTION OF MATERIA (Classification)	(ft) 6.1 6.1	(ft) 304.2 304.2	Groundwater Data	(ft)	(ft)
ation: nformation Number	Туре	Depth (FT)	Surface Cover	Logged by: Contractor: Rig Type: Mc_sMc_s Mc_sMc_s Mc_sMc_s Mc_sMc_s Mc_sMc_s	U. Khan Neighbors Property Management Bobcat E60 DE	First Encountered: V At Completion: V SCRIPTION OF MATERIA (Classification)	6.1 6.1 LS	304.2 304.2	Data		
nformatio	Туре	Depth (FT)	Strata Surface Cover	Contractor: Rig Type:	Bobcat E60 DE	At Completion:	6.1 LS	304.2)	Rem	arks
Number	Туре	(FT)	Surface Cover	Rig Type: Mc_sMc_s Mc_stc_s Mc_sMc_9 inches of Mc_sMc_stc_s Mc_sMc_stc_s Mc_sMc_stc_s Mc_	Bobcat E60 DE	SCRIPTION OF MATERIA (Classification)	LS) 	Rem	arks
Number	Туре	(FT)	Surface Cover	Mic sMic sMic s sMic sMic 9 inches of sMic sMic w	DE	(Classification)		s), moist (FILL))	Rem	arks
Number	Туре	(FT)	Surface Cover	sile sile sile sile sile sile sile sile	topsoil	(Classification)		s), moist (FILL))	Rem	arks
			Surface Cover	sile sile sile sile sile sile sile sile			ebris (bricks	s), moist (FILL))		
S-1	Bag	2.0	Surface Cover	sile sile sile sile sile sile sile sile		fine gravel, little silt, little de	ebris (bricks	s), moist (FILL))		
S-1	Bag	2.0		Brown coar	se to fine sand, some coarse to	fine gravel, little silt, little de	ebris (bricks	s), moist (FILL))		
S-2	Bag	4.0	FILL	Dark gray o (lumber, fat	coarse to fine sand, trace silt, sor pric), moist (FILL)	me coarse to fine gravel, so	me cobble:	s and boulders	s, little debris	PVC encountere	pipe ed at 5 f
		₩ 6.0									
		8.0		As above, v	vet (FILL)					encounter	red at 6
		10.0		Test Pit TP- collapse.	13 encountered refusal at appro	iximately 9.9 feet below the	ground su	rface due to co	Intinuous sidewall		
					10.0 Test Pit TP-	10.0 Test Pit TP-13 encountered refusal at approx	10.0 Test Pit TP-13 encountered refusal at approximately 9.9 feet below the	10.0 Test Pit TP-13 encountered refusal at approximately 9.9 feet below the ground su	10.0 Test Pit TP-13 encountered refusal at approximately 9.9 feet below the ground surface due to co	10.0 Test Pit TP-13 encountered refusal at approximately 9.9 feet below the ground surface due to continuous sidewall	10.0 Test Pit TP-13 encountered refusal at approximately 9.9 feet below the ground surface due to continuous sidewall



		<u> </u>									ige 1 of 1	
	Proposed								Proj. No.:	3709-99-004EC		
		ill Road,		uffern, Rockland Cour			1		Client:	Brookfield Prope		
Surface Elev	ation:		:	312.0 feet	Date Started:	05-02-2023	Groundwater Data	Depth	EI.	Additional Groundwater	Depth	EI.
Termination					Date Completed:	05-02-2023		(ft)	(ft)	Data	(ft)	(ft)
Proposed Lo	ocation:		I		Logged by:	G. Seselgis Neighbors Property Management	First Encountered:	5.0	307.0			
					Contractor:	Management Bobcat E60	At Completion:	5.0	307.0			
Sampla	e Informatio	<u></u>	Denth		Rig Type:	Bobcat E60						
Depth			Depth (FT)	Strata		DE	SCRIPTION OF MATERIA	LS			Rem	arks
(Feet)	Number	Туре	(11)				(Classification)					
0.0 - 1.7	S-1	Bag	-		Grayish brown co metal), moist (FIL	parse to fine sand, and silty L)	/ clay, little coarse to fine g	ravel, some	debris (wood	, plastic, and		
1.7 - 3.9	S-2A/ S-2B	Bag	2.0	FILL	Gray coarse to fit	ne sand, trace silt, moist (F	ILL)					
			4.0									
3.9 - 5.0	S-3	Bag			Yellowish brown	coarse to fine sand, and co	parse to fine gravel, some o	obbles, trac	e silt, moist (SP-SM)		
			∇ \mathbf{V}									
5.0 - 7.0	S-4	Bag	6.0	Glacial Deposits			ne gravel, some cobbles, w					
			8.0		1651 PTC 17- 14 W	as terminated at approxime	tely 7 feet below the groun	u sunace.				
			-									



Proposed 25 Old M vation: Depth: ocation:			Suffern, Rockland Co 312.0 feet	unty, New York Date Started:				Proj. No.: Client:	3709-99-004EC Brookfield Prope		
vation: Depth:		5	312.0 feet								
ocation:			3.5 feet	Date Completed:	05-10-2023 05-10-2023	Groundwater Data	Depth (ft)	EI. (ft)	Additional Groundwater Data	Depth (ft)	EI. (ft)
			Building 1	Logged by: Contractor: Rig Type:	J. Gomez Neighbors Property Management Bobcat E60	First Encountered: At Completion: ▼	NE NE	-			
e Informati Number		Depth (FT)	Strata		DE	SCRIPTION OF MATERIA (Classification)	LS		1	Ren	narks
			FILL	Black coarse t	to fine sand, some coarse to f	ine gravel, some debris (br	ick, rebar, m	etal, wire, tai	p), moist (FILL)		
S-1	Bag	2.0		Greenish gray	r coarse to fine sand, some co	parse to fine gravel, trace s	ilt, moist (FIL	L)		PVC	pipe red at 3.3
		4.0		Test Pit TP-15	i was terminated at approxima	ately 3.5 feet below the gro	und surface.			fe	et
		6.0									
		8.0				4					
		10.0									
	S-1	S-1 Bag	S-1 Bag 4.0 6.0 8.0	S-1 Bag 4.0 6.0 8.0	S-1 Bag 2.0 FILL Creenish gray Greenish gray 6.0 6.0 8.0	S-1 Bag 2.0 HLL Greenish gray coarse to fine sand, some co 4.0 6.0 6.0 8.0 8.0	S-1 Bag 2.0 FILL Greenish gray coarse to fine sand, some coarse to fine gravel, trace s S-1 Bag 4.0 Itest Pit TP-15 was terminated at approximately 3.5 feet below the gro 6.0 6.0 8.0 Itest Pit TP-15 was terminated at approximately 3.5 feet below the gro 8.0 8.0 Itest Pit TP-15 was terminated at approximately 3.5 feet below the gro	S-1 Bag 2.0 FILL Greenish gray coarse to fine sand, some coarse to fine gravel, trace silt, moist (Fill S-1 Bag 4.0 Test Pit TP-15 was terminated at approximately 3.5 feet below the ground surface. I I I 6.0 Image: Solution of the sand some coarse to fine sand some coarse to fine gravel, trace silt, moist (Fill I I Image: Solution of the sand some coarse to fine gravel, trace silt, moist (Fill I Image: Solution of the sand some coarse to fine gravel, trace silt, moist (Fill I Image: Solution of the solution of	S-1 Bag 2.0 FILL S-1 Bag S-1 S-1 S-1 Bag S-1 S-1 S-2 S-2 S-2 S-2 S-3 S-3 S-3 S-3 S-3	S-1 Bag 2.0 Dreenish gray coarse to fine sand, some coarse to fine gravel, trace silt, moist (FILL) Image: S-1 How Service in the sand, some coarse to fine gravel, trace silt, moist (FILL) Image: S-1 How Service in the sand, some coarse to fine gravel, trace silt, moist (FILL) Image: S-1 How Service in the sand, some coarse to fine gravel, trace silt, moist (FILL) Image: S-1 How Service in the sand, some coarse to fine gravel, trace silt, moist (FILL) Image: S-1 How Service in the sand, some coarse to fine gravel, trace silt, moist (FILL) Image: S-1 How Service in the sand, some coarse to fine gravel, trace silt, moist (FILL) Image: S-1 How Service in the sand, some coarse to fine gravel, trace silt, moist (FILL) Image: S-1 How Service in the sand, some coarse to fine gravel, trace silt, moist (FILL) Image: S-1 How Service in the sand, some coarse to fine gravel, trace silt, moist (FILL) Image: S-1 How Service in the sand, some coarse to fine gravel, trace silt, moist (FILL) Image: S-1 How Service in the sand, some coarse to fine gravel, trace silt, moist (FILL) Image: S-1 How Service in the sand, some coarse to fine gravel, trace silt, moist (FILL) Image: S-1 How Service in the sand, some coarse to fine gravel, trace silt, moist (FILL) Image: S-1 How Service in t	S-1 Bag 2.0 FLL Orientish gray coarse to fine sand, some coarse to fine gravel, trace sit, most (FLL) Proceedings S-1 Bag 4.0 Test Pit TP-15 was terminated at approximately 3.5 feet below the ground surface. Proceedings I I 6.0 I





			егн								Pa	ge 1 of 1	
-	Proposed									Proj. No.:	3709-99-004EC		
ocation:	25 Old M	ill Road,	Village of Su	iffern, Rockland Co	ounty, N	k				Client:	Brookfield Prope	rties	
urface Elev				312.0 feet	Date			Groundwater Data	Depth	EI.	Additional Groundwater	Depth	EI.
ermination Proposed Lo				10.0 feet Building 1	Date Logg	leted: 05-02-2023		First Encountered: V	(ft) 8.0	(ft) 304.0	Data	(ft)	(ft)
	Jeanon.				Cont		rty	At Completion:	8.0	304.0			
					Rig 1	Bobcat E60							
	e Informati	on	Depth				DE	SCRIPTION OF MATERIA	LS			Dam	a al ca
Depth (Feet)	Number	Туре	(FT)	Strata				(Classification)				Ren	narks
		Den		Surface Cover		es of gravel							
0.0 - 3.7	S-1	Bag	2.0			oarse to fine sand, little silt, little	coar	se to fine gravel, trace deb	ris (asphali	t fragments), m	ioist (FILL)		
			4.0	FILL								Apparen groundwa fe	t perche ater at 3 et
3.7 - 7.0	S-2	Bag	6.0			we (FILL)							
7.0 - 8.0	S-3	Bag				ilty clay, some coarse to fine san	d, so	ome cobbles, moist, stiff (Cl	_)			Qp =	2.0 tsf
			.∇ 8.0 ▼										
8.0 - 9.0	S-4	Bag		Glacial Deposits		ove, little coarse to fine sand, wet	(CL)				Qp =	1.5 tsf
9.0 - 10.0	S-5	Bag	10.0			oarse to fine sand, little silt, wet ((SP-	SM)					
						t TP-16 was terminated at appro	xima	tely 10 feet below the grou	nd surface				



Project:	Proposed	I Industri	al Park							Proj. No.:	3709-99-004EC		
Location:	25 Old M	ill Road,	Village of Su	iffern, Rockland Co	ounty, N	ew York				Client:	Brookfield Prope	rties	
Surface Elev				810.8 feet		Started:	05-10-2023	Groundwater Data	Depth	EI.	Additional Groundwater	Depth	EI.
Termination				7.3 feet		Completed:	05-10-2023		(ft)	(ft)	Data	(ft)	(ft)
Proposed Lo	ocation:		E	Building 1		jed by: ractor:	J. Gomez Neighbors Property Management	First Encountered: At Completion: ▼	6.7 6.7	304.1 304.1			
						Гуре:	Management Bobcat E60		0.1				
Sample	e Informati	on	Depth				DE						
Depth (Feet)	Number	Туре	(FT)	Strata			DE	SCRIPTION OF MATERIA (Classification)	15			Rem	arks
(Feet)					ماند ماند								
0.0 - 1.0				Surface Cover	ی مالای م مالای مالای مالای مالای مالای مالای مالای مالای	12 inches of topsoi	il						
1.0 - 2.5	S-1	Bag	2.0	FILL		Brown coarse to fir	ne gravel, some silt, some	e coarse to fine gravel, little	cobbles, n	noist (FILL)			
2.5 - 5.8	S-2	Bag	4.0	Glacial Deposits		Brown coarse to fir	ne sand, some silt, little c	parse to fine gravel, trace o	obbles (SM	1)			
			6.0	 									
5.8 - 6.7	S-3	Bag				Brown coarse to fir	ne sand, some coarse to	ine gravel, trace silt, trace	cobbles, m	oist (SP)			
			\bigtriangledown \blacksquare										
6.7 - 7.3	S-4	Bag				As above, wet (SP	?)						
				:									
			8.0			lest Pit IP-17 was	s terminated at approxima	tely 7.3 feet below the grou					



Project:	Proposed	I Industri	al Park							Proj. No.:	3709-99-004EC		
Location:	25 Old M	ill Road,	Village of Su	iffern, Rockland Cou	unty, N	ew York				Client:	Brookfield Prope	rties	
Surface Elev	vation:		3	10.0 feet	Date	Started:	05-03-2023	Groundwater Data	Depth	EI.	Additional Groundwater	Depth	EI.
Termination				7.0 feet		Completed:	05-03-2023		(ft)	(ft)	Data	(ft)	(ft)
Proposed Lo	ocation:		E	Building 1		jed by:	G. Seselgis Neighbors Property Management	First Encountered: V	3.5	306.5			
					Rig 1	ractor:	Management Bobcat E60	At Completion:	3.5	306.5			
Sample	e Informati	on	Depth		Rig	ype.							
Depth (Feet)	Number	Туре	(FT)	Strata			DE	SCRIPTION OF MATERIA (Classification)	ILS			Rem	arks
0.0 - 0.7				Surface Cover	ماند ماند ماند م ماند ماند ماند ماند	8 inches of topsoil							
0.7 - 3.5	S-1	Bag	2.0			Grayish brown coa (SM)	rse to fine sand and clay	ey silt, some coarse to fine	gravel, sor	ne cobbles and	l boulders, moist		
3.5 - 7.0	S-2	Bag	4.0	Glacial Deposits		Pale brown coarse	to fine sand, little silt, so	ne coarse to fine gravel, a	nd cobbles	and boulders,	wet (SM)		
			6.0			Test Pit TP-18 was	terminated at approxima	tely 7 feet below the groun	nd surface.				
			8.0										
			10.0										





			CI H									age 1 of 1	
Project:	Proposed									Proj. No.:	3709-99-004EC		
Location:	25 Old M	ill Road,	Village of Su	iffern, Rockland Cou	unty, N	ew York				Client:	Brookfield Prope	erties	
Surface Elev				313.0 feet		Started:	05-05-2023	Groundwater Data	Depth	EI.	Additional Groundwater	Depth	EI.
Termination				9.3 feet		Completed:	05-05-2023		(ft)	(ft)	Data	(ft)	(ft)
Proposed Lo	ocation:		E	Building 3		ed by: ractor:	U. Khan Neighbors Property Management	First Encountered: At Completion: ▼	7.2 7.2	305.8 305.8			
					Rig 1		Management Bobcat E60		1.2	505.0			
Sample	e Informati	on	Depth			J po:							
Depth	Number	Туре	(FT)	Strata			DE	SCRIPTION OF MATERIA (Classification)	LS			Rem	arks
(Feet)		.,,						· · · ·					
00 07					9°0	8 inches of gravel							
0.0 - 0.7				Surface Cover	૾ૢૢૢૢૢૺૢૺ	o inches of graver							
					**							Filter fa	
		_		8	>>>							incl	nes
0.7 - 1.5	S-1	Bag			$\times\!\!\times$	Yellowish brown co	arse to fine gravel, some	coarse to fine sand, little s	silt, moist (F	ILL)			
					>>>								
			20	FILL	\times								
15 00		Den	2.0		>>	Darla anna àr bhanna			.		in (along and		
1.5 - 3.0	S-2	Bag				Dark grayish brown bricks), moist (FILL		ne silt, little clay, little coars	e to fine gr	avel, little debi	ris (glass and		
					\times								
					\otimes								
				1 I	1.1.1							1	
					///								
					[]]								
			4.0		///								
					///	Yellowish brown co	arse to fine sand, some o	lay, little silt, little coarse to	o fine grave	I, little cobbles	and boulders,		
					[]]	moist (SC)			0				
				l í	[]]								
3.0 - 7.2	S-3	Bag		2	[
					/ / /								
					///								
					///								
			6.0	Glacial	[]/								
				Deposits	[]/								
					/ / /								
					///								
			∇ \mathbf{V}	/	///								
					///								
				/	[//	An above	N	• •					
					[]/	As above, wet (SC))						
			8.0		/ / /								
7.2 - 9.3					/ / /								
					///								
					///					7			
				/	[]/								
]		[]/]	
						Test Pit TP-19 was	terminated at approximation	tely 9.3 feet below the grou	und surface				
								-					
			10.0										
			10.0										
			4									-	





Project:	Proposed			uffern Pockland Co	unty New V-	rk				Proj. No.: Client:	3709-99-004EC		
ocation:		iii rtoad,		uffern, Rockland Co	Date Start		05 05 2022				Brookfield Prope	1	
ermination				312.0 feet 10.8 feet	Date Start Date Com		05-05-2023 05-05-2023	Groundwater Data	Depth (ft)	EI. (ft)	Groundwater	Depth (ft)	EI. (ft)
Proposed L				Building 3	Logged by			First Encountered: V	6.3	305.7	Data	(11)	
					Contracto		U. Khan Neighbors Property Management	At Completion:	6.3	305.7			
					Rig Type:		Bobcat E60						
	e Informatio	on	Depth				DE	SCRIPTION OF MATERIA	LS			_	
Depth (Feet)	Number	Туре	(FT)	Strata				(Classification)				Ren	narks
										(=== 1)			
0.0 - 0.4						grayish brov	wn coarse to fine gravel, so	ome coarse to line sand, ill	tie siit, mois	l (FILL)			
					\sim								
0.4 - 1.3	S-1	Bag			As at	ove. and co	obbles and boulders (FILL)						
		0		l B			, , , , , , , , , , , , , , , , , , ,						
			-		\sim								
				FILL									bric at 16
												inc	hes
			2.0										
1.3 - 3.2	S-2	Bag			Dark	grayish brov	wn coarse to fine sand, sor	ne silt, little coarse to fine g	gravel, little	very coarse r	oots (FILL)		
					\times								
				l R									
	+ -						fine gravel, some coarse to					-	
				4									
			4.0		Š, Š								
			4.0		૾ૺૢ૾૾ૺ								
					\$°\$								
3.2 - 6.3					੍ਹੇ ੱ ਰੈBrow	o coarse to	fine gravel, some coarse to	o fine sand, moist (GP)					
3.2 - 0.3													
				4				1				Apparen	t nercher
					૾ૼૢૼૣૻ							groundwa	ater at 5.2
					૾ૢૼ૾ૺૢૺ							Te	eet
					ୢୖ୰ୄୖ								
			6.0	,	8° 8								
				2									
					2012								
				Glacial									
				Deposits 2	૾ૼૢૺૣૻ								
					૾ૢૼ૾ૺૢૺ								
					ୢୖ୰ୢୖୖୖ			· ·					
					्रिःही								
			8.0		 くう、くろ、くろ、くろ、くろ、くろ、くろ、くろ、くろ、くろ、くろ、くろ、くろ、くろ、								
					20°0	0.10	D)						
6.3 - 10.8					S As at	ove, wet (G))						
					૾ૢૼૢૺૢૣૻ								
					<u>ે</u> ે ે								
				l c	<u>,</u>								
					201 201 201 201 201 201 201 201 201 201								
			10.0		ୖୢୖୖ୶								
					§ී.රු								
					ୖୢ୰ୖୖୖ								
					्रिःदी								
			1	F 1	Test F	Pit TP-20 w	as terminated at approxima	tely 10.8 feet below the ar	ound surface	э.		1	
						_0.10		,					





Project:	Proposed									Proj. No.:	3709-99-004EC		
ocation:		ill Road,	-	uffern, Rockland Cour	·			1		Client:	Brookfield Prope		
Surface Elev	vation:		:	312.9 feet	Date	Started:	05-05-2023	Groundwater Data	Depth	EI.	Additional Groundwater	Depth	EI.
ermination	Depth:			10.2 feet	Date	Completed:	05-05-2023		(ft)	(ft)	Data	(ft)	(ft)
roposed Lo	ocation:		I			ed by:	U. Khan Neighbors Property	First Encountered:	8.4	304.5			
						ractor:	U. Khan Neighbors Property Management Bobcat E60	At Completion:	8.4	304.5			
			1		Rig T	ype:	Bobcat E60						
	e Informati		Depth	Chroto			DE	SCRIPTION OF MATERIA	LS			Por	narks
Depth (Feet)	Number	Туре	(FT)	Strata				(Classification)				i ten	Idiks
0.0 - 1.0				Surface Cover	e shte shte s e shte shte s e shte shte s	12 inches of topso	il						
1.0 - 3.8	S-1	Bag	2.0	silie		Pale brown coarse	to fine sand, some clay,	ittle coarse to fine gravel, t	trace fine roo	ots, trace cob	bles, moist (SC)		
3.8 - 7.0	S-2	Bag	4.0			Pala rad onerse to	The card some coarse	o fine gravel, little cobbles	and boulder	s trace silt n	noist (SP-SM)	Apparen groundwa fe	t perche ater at 3. et
			6.0	Glacial Deposits									
								—					
7.0 - 8.4													
			8.0			Pale red coarse to	fine sand some coores	o fine gravel, little cobbles	and boulder	s moiet (SD)			
							inic sand, some coarse t	S mis graver, nue cobbles	and boulder	o, moist (oP)			
			∇ \blacksquare	1							*		
8.4 - 10.2													
0.4 10.2						As above, wet (SF)						
							/						
			10.0										
			1		·. · .	Test Pit TP-21 was	terminated at approxima	tely 10.2 feet below the gro	ound surface	9.			
						 _ _ w aa		,					
			4										





ocation:		ili i tuau,								Client:	Brookfield Prope	rues	
urface Elever ermination roposed Lo	vation: Depth:		:	uffern, Rockland Co 311.6 feet 7.8 feet Building 3	Date Sta	arted: mpleted: by:	05-05-2023 05-05-2023 U. Khan Neighbors Property Management Bobcat E60	Groundwater Data First Encountered: ∇ At Completion: ▼	Depth (ft) 5.2 5.2	El. (ft) 306.4 306.4	Additional Groundwater Data	Depth (ft)	El. (ft)
					Rig Typ		Bobcat E60						
Sample Depth (Feet)	e Informatio	on Type	Depth (FT)	Strata			DE	SCRIPTION OF MATERIA (Classification)	LS			Rem	narks
(Feet) 0.0 - 0.8				Surface Cover	ste ste ste s ste s ste s ste s ste	inches of tops	soil						
0.8 - 4.7	S-1	Bag	2.0		Da (Fl	rk brown coart _L)	se to fine sand, some coar	se to fine gravel, little debris	s (bricks, ce	ramics, and v	vood), moist	Apparen groundwat	t perchea er at 2 fa
			4.0	FILL									
4.7 - 5.2					Gra	ay coarse to fi	ne sand, some clay, little co	parse to fine gravel,moist (F	ILL)				
5.2 - 7.8	S-2	Bag	6.0		As	above, some	debris (lumber), wet (FILL)						
			8.0		Tes	at Pit TP-22 wa	as terminated at approxima	tely 7.8 feet below the grou	ind surface.			-	
			10.0										



Project: _ocation:	25 Old M	ill Road,	Village of S	uffern, Rockland Co	unty, Ne	ew York				Client:	Brookfield Prope	rties	
Surface Elev		,		312.5 feet		Started:	05-08-2023	Groundwater Data	Depth	EI.	Additional	Depth	EI
ermination				10.0 feet	Date	Completed:	05-08-2023	Groundwater Data	(ft)	(ft)	Groundwater Data	(ft)	(ft
roposed L	ocation:			Building 2		ed by:	M. Stevenson Neighbors Property Management	First Encountered:	NE	-			
					Contr Rig T	actor:	Management Bobcat E60	At Completion:	NE	-			
Sample	e Informatio	on	Depth		1.091	, pc.							
Depth (Feet)	Number	Туре	(FT)	Strata			DE	SCRIPTION OF MATERIA (Classification)	LS			Rem	narks
0.0 - 2.2	S-1	Bag	2.0			Brown silt and co:	arse to fine sand, little coa	rse to fine gravel, trace det	oris (roots), ı	noist (FILL)			
2.2 - 5.0	S-2	Bag	4.0	FILL		As above, dark br	rown (FILL)						
5.0 - 7.0	S-3	Bag	6.0			Brown coarse to f	īne sand, and siļt, little coa	arse to fine gravel, moist (S	M)				
7.0 - 10.0	S-4	Bag	8.0	Glacial Deposits		Brown coarse to f	îne sand, some gravel, mo	bist (SP)					
			10.0			Test Pit TP-23 wa	is terminated at approxima	ttely 10 feet below the grou	nd surface.				





Project:	Proposed	d Industr							Proj. No.:	3709-99-004EC		
		ill Road,		uffern, Rockland Cou					Client:	Brookfield Prope		r
Surface Elev					Date Started:	05-08-2023	Groundwater Data	Depth	EI.	Additional Groundwater	Depth	EI.
ermination				10.0 feet	Date Completed:	05-08-2023		(ft)	(ft)	Data	(ft)	(ft)
roposed Lo	ocation:			Building 2	Logged by: Contractor:	M. Stevenson Neighbors Property	First Encountered: ∇ At Completion: ▼	4.0 10.0	315.0 309.0			
					Rig Type:	M. Stevenson Neighbors Property Management Bobcat E60		10.0	000.0			
Sample	e Informati	on	Depth									
Depth	Number		(FT)	Strata		DE	SCRIPTION OF MATERIA (Classification)	LS			Rem	narks
(Feet)	Number	Type	· ,		~~~		(oldosiliodioli)					
0.0 - 2.0	S-1	Bag	- 2.0		Brown coarse	to fine sand and silt, little grav	vel, little debris (roots), moi	st (FILL)				
			♥ 4.0	FILL							Apparen groundwat	t perched er at 4 fe
2.0 - 10.0	S-2	Bag	6.0		As above, dar	rk brown (FILL)						
					\sim							
			8.0				4					
			-	r 🛛 🕅	\sim							
			10.0	\vdash	Test Pit TP-24	was terminated at approxima	ately 10 feet below the grou	ind surface			1	
			-									





	=	AIN								Pa	age 1 of 1		
Project:	Proposed								Proj. No.:	3709-99-004EC			
ocation:	25 Old M	ill Road,	Village of Su	uffern, Rockland Co	ounty, New York				Client:	Brookfield Prope	erties		
Surface Elevation: 316.7 feet					Date Started:	05-04-2023	Groundwater Data	Depth El.		Additional Groundwater	Depth	EI.	
Termination Depth: 10.0 feet					Date Completed:	05-04-2023		(ft)	(ft)	Data	(ft)	(ft)	
roposed L	ocation:		E	Building 2	Logged by:	U. Khan Neighbors Property Management	First Encountered: At Completion:	NE	-				
					Contractor: Rig Type:	Management Bobcat E60	At Completion:	NE	-				
Sampl	le Informati	on	Depth			Bobcat Loo							
Depth	Number	Туре	(FT)	Strata		DE	SCRIPTION OF MATERIA (Classification)	LS			Rem	arks	
(Feet)	Number	туре	()				(Olassification)						
0.0 - 0.7				Surface Cover	is alle, a alle, alle,								
0.7 - 1.9			2.0		Brown coarse to	o fine sand, some coarse to	fine gravel, little silt, little co	obbles and	boulders, moi:	st (FILL)	Apparent groundwa fe	ater at 0.i et	
1.9 - 9.3			4.0	FILL									
	S-1	Bag	6.0	FILL	Dark grayish br little debris (brid	own coarse to fine sand, and cks), moist (FILL)	d silt, some coarse to fine g	ravel, little	clay, little cobl	bles and boulders,	Organi	ic odor	
			8.0	Glacial Deposits	Reddish brown	coarse to fine sand, some c	parse to fine gravel, little o	obbles and	boulders, mois	st (SP)			
			10.0										
9.3 - 11.6	S-2	Bag			Test Pit TP-25 v	was terminated at approxima	tely 10 feet below the grou	nd surface.					
	1	1		1	1								





Project:	Proposed	l Industria	al Park						Proj. No.:	3709-99-004EC		
ocation:	25 Old M	ill Road, '	Village of Su	iffern, Rockland Co	unty, New York				Client:	Brookfield Prope	erties	
Surface Elevation: 318.3 feet				318.3 feet	Date Started:	Groundwater Data	Depth	EI.	Additional Groundwater	Depth	EI.	
Termination Depth: 11.6 feet				11.6 feet	Date Complete	d: 05-04-2023		(ft)	(ft)	Data	(ft)	(ft)
Proposed Lo	ocation:		E	Building 2	Logged by:	U. Khan Neighbors Property	First Encountered:	NE	-			
					Contractor:	U. Khan Neighbors Property Management	At Completion:	NE	-			
				T	Rig Type:	Bobcat E60						
	Informati	on	Depth			DE	SCRIPTION OF MATERIA	LS			Dom	
Depth (Feet)	Number	Туре	(FT)	Strata			(Classification)				Rem	narks
0.0 - 0.7					alia alia alia a alia alia 8 inches of	topsoil						
					shte, s shte, shte						Apparent groundwa	t perched
0.7 - 1.7					Brown coal	rse to fine sand, little silt, little coa	arse to fine gravel, little cot	bles and bo	oulders, moist	(FILL)	fe	et
			2.0									
			4.0									
1.7 - 7.3	S-1	Bag			Dark grayis brick, lumb	sh brown coarse to fine sand, sor er), little cobbles and boulders, m	ne silt, some clay, little coa noist (FILL)	rse to fine g	ravel, little de	bris (rebar, wires,		
							7					
			6.0	FILL								
			8.0									
7.3 - 10.0	S-2	Bag			As above,	some debris (lumber) (FILL)						
			10.0									
					Test Pit TP	-26 encountered refusal at appro	oximately 11.6 feet below the	ne ground s	urface on app	arent boulder.		





urface Eleva ermination D roposed Loc Sample I	ation: Depth:	ill Road, '	-	uffern, Rockland Co 313.5 feet	ounty, New Yo		05-08-2023			Client:	Brookfield Prope	rties		
ermination D roposed Loc Sample I	Depth:			313.5 feet	Date Starte	d:	05-08-2023							
roposed Loo Sample I								Groundwater Data	Depth	EI.	Additional Groundwater	Depth El.		
Sample I		Termination Depth: 6.5 feet				leted:	05-08-2023		(ft)	(ft)	Data	(ft)	(ft)	
	cation:			Building 2	Logged by Contractor		M. Stevenson Neighbors Property Management	First Encountered: ∇ At Completion: ▼	NE NE	-				
					Rig Type:		Management Bobcat E60	At completion:	INE	-	+			
	Informatio	on	Depth											
Depth	Number	Туре	(FT)	Strata			DE	ESCRIPTION OF MATERIA (Classification)	LS			Rem	narks	
(Feet)	Number	Type	()					(oldoolloulon)						
0.0 - 1.0	S-1	Bag		FILL	Brown	coarse to	fine sand and silt trace o	ravel, trace debris (roots), m	noist (FILL)					
0.0 1.0	.	Dug					into ouria, and oni, daoo g	(10010), 1100 (10010), 11						
1.0 - 3.0	S-2	Bag	2.0		Brown	coarse to	fine sand, some silt, little g	gravel, moist (SM)						
3.0 - 4.0	S-3	Bag			As ab	ve, some	gravel (SM)							
	-	Ĵ		Glacial			3							
			4.0	Deposits										
			4.0											
								-						
4.0 - 6.5	S-4	Bag			Light	rown coar	se to fine sand, little grave	l, trace silt, moist (SP)						
			6.0											
					Test F	t TP-27 wa	as terminated at approxima	ately 6.5 feet below the grou	und surface.					
			8.0											
											Ť			
			10.0											
					1									