Limited Geotechnical Investigation Pre-Drilling Site Checklist

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| GI Contract No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Managing Agency: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Project Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Consultant: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Site Supervisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Drilling Contractor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

The following investigation activities must be completed prior to commencement of drilling:

* One-Call utility mark-out
* Water and sewer mark-out based on available maps, tap cards, and service connection information
* Subsurface preliminary investigation with Ground Penetrating Radar (GPR) or other subsurface utility detection equipment
* Manual investigation of underground structures
* Manual investigation of overhead utilities
* Mark-out cleared drilling location
* Take photos of sidewalk, making note of any existing cracks or damages. Capture extents of mark-outs
* Ensure that sediment controls are deployed appropriately.
* Ensure that construction materials, equipment, debris, etc. are not blocking driveways

The following utility criteria for the asset footprint (excluding ROWPP) must be completed prior to commencement of drilling:

* One or less gas crossing
* No parallel gas lines
* If any, less than 4 utility crossings
* Minimum of 3’-6” clearance to edge of water or sewer mains
* No valves within footprint of the asset unless asset is a ROWIB Concrete Top and valve is a gas valve

The following documentation must be obtained and kept on-site during all drilling activities:

* Water maps and service line information
* Sewer maps
* Health and Safety Plan (HASP)
* One-Call Ticket stating utilities cleared and/or marked

Confirmation No.\_\_\_\_\_\_\_­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Expiration Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

* Other agency permits (DOT, DPR, and other permits as required)
* Approval from MTA, LIRR, bridges, tunnels, AMTRAK, PATH, etc. (as required)
* Hydrant permit for clean water to conduct Permeability Tests (unless using water truck)
* DEP-reviewed Boring Location Plan

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, (P.E. or Representative) attest that all the above have been completed and that this checklist along with the pertinent documentation mentioned above will be maintained on-site.

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Date Signature of On-site P.E. or Representative