

1400 FENWICK LANE DEMOLITION

CONSTRUCTION NOISE SUPPRESSION PLAN

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- **GENERAL SCOPE OF WORK**

1400 Fenwick Lane is an existing apartment structure located in Silver Spring, MD that is being demolished for future development. The Berg Corporation has been contracted to raze the existing structure down to grade. The concrete structure consists of a penthouse, twelve stories above grade, and one and a half stories below grade. Based on the proximity of the adjacent structures and public right of way, Berg is required to utilize a combination of pneumatic demo hammers (PH), BROKK robotic demo machines with hydraulic breakers (Floors PH - 1), and hydraulic excavators with concrete processing attachments (Floors 12– B1) to safely raze the existing structure. The three methods detailed above have the potential to exceed the allowable 75 dBA limits due to the nature of their operation and the site conditions. Most conventional noise suppression methods are not able to be installed based on the height of the structure, methods of the demolition, and site conditions.



THE BERG CORPORATION

- **PROJECTED SCHEDULE**

Penthouse 09/15/2025 – 10/03/2025

- Pneumatic Demo Hammers
- Brokk Robotic Demo Machine w/ Hydraulic Breakers
- Skid Steers

Upper Floor Structural Demo and Separations 10/06/2025 – 01/09/2026

- Brokk Robotic Demo Machine w/ Hydraulic Breakers
- Hydraulic Excavator w/ Buckets and Concrete Processing Attachments
- Skid Steers

Remaining Structural Demo 01/12/2025 – 02/13/2026

- Hydraulic Excavator w/ Buckets and Concrete Processing Attachments
- Skid Steers

Below Grade Demo 02/16/2026 – 03/06/2026

- Hydraulic Excavator w/ Bucket and Concrete Processing Attachments
- Track Dozer
- Drum Roller
- Skid Steers

- **BENEFIT TO PUBLIC**

- The Berg Corporation has centered our overall plan around safely and efficiently razing the structure. By approving the Noise Suppression Plan, The Berg Corporation will be able to limit the duration of the noise producing raze activity and impact to the surrounding community.

- **DESCRIPTION OF NOISE-SUPPRESSION METHODS**

- Equipment onsite will utilize white noise back-up alarms.
- Permitted working hours will be strictly followed.
- Berg onsite supervision will monitor noise levels at the perimeter of the elevated decks and at the LOD with a decibel meter. Readings will take place hourly and be documented in a daily log. Activity that is documented to regularly exceed 85dbA at the LOD will be paused and the onsite team will assess what/if any additional measures can be taken to reduce noise production from that activity. Berg will communicate with DEP if this situation occurs.
- If work activity on elevated decks regularly exceeds 85dbA, the Berg team will explore the addition of sound control barriers mounted on temp fencing immediately adjacent to the noise producing activity.

SCALED SITE MAP W/ 1000' RADIUS

