

Construction Oversight Procedural Manual: Soil Nail Removal

1. Introduction

This manual outlines the procedures for the removal of soil nails, ensuring structural integrity, safety, and compliance with project requirements. Observations and documentation will be provided by NWCC throughout the process.

2. Pre-Removal Requirements

2.1 Building Monitoring

- **Responsible Party:** Deneuve
- **Procedure:** Deneuve will set up monitoring on the adjacent building prior to mobilization. Monitoring will continue throughout the removal process and until completion and acceptance.

2.2 Third-Party Clearance

- **Requirement:** Each nail removal must receive clearance from a designated third party before backfilling.
- **Procedure:**
 - A third-party inspector will evaluate the condition and impact of each soil nail removal.
 - Documentation of approval will be maintained before proceeding with backfill operations.

2.3 Pre-Construction Meeting

- Pre-Construction meeting to be scheduled onsite prior to work.

3. Soil Nail Removal Process

3.1 Site Preparation

- Ensure all necessary permits and approvals are in place.
- Establish site access and safety barriers.
- Confirm monitoring equipment is operational and recording data.

3.2 Removal Procedure

- Expose each soil nail carefully to avoid unnecessary disturbance.
- Inspect the soil nail and surrounding area for any unforeseen complications.
- Remove soil nails per engineered specifications.
- Monitor adjacent structures and report any movement or stress indicators to NWCC immediately.

- Obtain third-party clearance for each soil nail removal before proceeding to backfill.

3.3 Backfill and Site Restoration

- After receiving clearance, backfill the excavated area per project specifications.
- Restore site conditions to match surrounding areas.
- Verify stability and safety post-backfill.

4. Observation and Reporting

- NWCC will document and report observations throughout the process.
- Reports will include:
 - Pre-removal site conditions
 - Monitoring data during removal
 - Third-party clearance approvals
 - Post-removal observations and backfill verification

5. Compliance and Safety Measures

- Follow all OSHA and project safety regulations.
- Ensure personnel are trained and equipped with proper safety gear.
- Halt operations if unforeseen structural or safety issues arise, pending further assessment.

6. Completion and Acceptance

- Final monitoring and assessment will be conducted to confirm stability.
- Deneuve will conclude monitoring upon official acceptance of completed removal.
- All documentation will be reviewed and submitted for project records.