



SITE SPECIFIC SAFETY PLAN

SNOWDON TOWERS

Information

Prepared by: The Construction Collaborative

Project Location: 39 Market Street, Brownsville, PA

Project Description: Five-Story Mixed-Use Building with Occupied Green Roof

SNOWDON TOWERS | SITE SPECIFIC SAFETY PLAN

Date: May 22, 2024

Location: 39 Market Street, Brownsville, PA

EMERGENCY NUMBERS

<i>Service</i>	<i>Provider / Detail</i>	<i>Phone Number</i>
FIRE / MEDICAL / POLICE	Emergency Dispatch	911
HOSPITAL (24 HRS)	Penn Highlands Mon Valley (724) 258-1000	
NON-EMERGENCY FIRE	Brownsville Fire Dept	(724) 785-5345
NON-EMERGENCY POLICE	Brownsville Borough Police (724) 785-0500	
UTILITIES LOCATOR	Call 811 (PA One Call)	811

1. INTRODUCTION, SCOPE, AND PURPOSE

This Site Specific Safety Plan includes the General Contractor Safety Manual and these site-specific amendments. These requirements apply to all personnel, employees, and subcontractors. The policies herein address known site-specific hazards and may be more stringent than OSHA regulations.

In addition to this Site Specific Safety Plan, all personnel, including trade contractor personnel, must adhere to all policies outlined in the General Contractor's Safety Manual. The intent of this Plan is to apply the rules in the Manual to this site conditions on this project and establish rules for all personnel to follow on this site. Nothing in this Plan is meant to supersede anything in the Manual.

1.1 Subcontractor and Visitor Policy

- **Definitions:** The terms "subcontractor" and "trade contractor" are used interchangeably.

- **Reporting:** All incidents resulting in injury or property damage must be reported immediately to the Site Superintendent. Near-misses should also be reported for continual improvement.
 - **Site Orientation:** All personnel must complete a site orientation prior to beginning work. Upon completion, a numbered hard hat sticker will be issued and must be visible at all times.
 - **Daily Sign-In:** At the start of each shift, subcontractors must sign in at the trailer, listing supervisor contact information and the total head count.
 - **Meetings:** Weekly site safety meetings are mandatory for all on-site personnel.
 - **Stop Work Authority:** All personnel are instructed to stop work if unforeseen hazards are encountered.
 - **Visitors:** All visitors must sign in at the construction office; subcontractors are not authorized to grant site access to visitors.
-

2. SITE-SPECIFIC LOGISTICS AND HAZARDS

2.1 Vertical Access (Stairs and Elevator)

- **Core Stairwells:** The building's three permanent core stairwells will be erected with the structural frame and serve as the primary temporary access.
- **Tread Protection: Stairs Construction Inc.** will install and maintain temporary treads to protect the permanent steel and eliminate trip hazards.
- **Ladder Prohibition:** Once the stairwells are established with temporary treads, no trade is permitted to use ladders for floor-to-floor travel.
- **Construction Elevator:** A temporary construction hoist will be installed at the location designated on the project drawings for material and personnel transport.

2.2 Railroad Boundary (North Edge)

- **Foul Line:** A high-visibility "Foul Line" is established inside the northern boundary fence.
- **Restrictions:** No materials may be stored, and no equipment booms or counterweights may extend beyond this line without a railroad waiver.

- **River Protection:** Any spills near the northern boundary must be contained immediately using on-site spill kits (locations noted on drawings) to prevent runoff into the river.

2.3 Excavations and Trenching

- **Shoring Requirement:** Due to site space constraints and adjacent facilities and structures, all excavations 5' (1.5 m) or deeper must utilize shoring. **Sloping and benching are prohibited on this project.**
- **Protection:** Trenches 6' (1.8 m) or deeper must be protected by 4-foot (1.2 m) high orange plastic fencing. Temporary excavations open 3+ days require guardrails in lieu of fencing.
- **Approval:** All shoring diagrams must be approved by the GC Site Safety Manager.

2.4 Floor Openings and Hole Covers

- All floor openings must be protected by guardrails or properly secured hole covers.
- General Contractor will install and maintain temporary guard rails at all large floor openings.
- Structural steel erector will install temporary cable barriers that meet minimum standards shown in General Contractor's Safety Manual. Structural Steel Erector will be responsible for maintaining these throughout the project. Any trade that needs them removed for their work to progress will be responsible for removing them and properly storing the cable. The entity that removes them will become responsible for either reinstalling or providing other means of temporary guard rails to protect the other personnel on the project site.
- All holes in the floor must be covered. Covers must be capable of supporting at least twice the maximum intended load and be secured to prevent displacement.
- The trade contractor responsible for creating the hole will be responsible for install the hole cover.
- The General Contractor will provide hole covers as requested that are easy to secure and identify as covers.
- Covers must be clearly marked "HOLE" or "COVER" and must remain in place unless work requires removal.
- Any trade removing a cover/guardrail must replace it immediately upon completion of work.

2.4 Housekeeping

- General Contractor will install and maintain fire extinguishers at stairs and throughout each level to meet minimum fire safety requirements.
 - The accumulation of trash and debris poses both a fire hazard and a safety risk for people working on the site. All trades must clean their work areas at the end of each shift and remove debris from the work area.
 - The General Contractor will provide disposal bins at areas designated on the construction drawings.
 - The General Contractor will provide and maintain sanitary facilities, a water station, and lunch break area at a location shown on the construction drawings.
 - Each trade contractor is responsible for providing adequate water, and first aid supplies, such as eye wash stations, as necessitated by their work and personnel on site.
-

3. FALL PROTECTION AT HEIGHTS

3.1 Perimeter and Floor Openings

- **Steel Cable Barriers:** The structural steel erector on the project will install cable barriers as the structural frame is erected.
- **Debris Netting:** Vertical netting will be installed by the General Contractor used for public protection and protection of personnel below; no safety nets are provided for fall arrest.

3.2 Personal Fall Arrest Systems (PFAS)

- As noted in sections 2.4 and 3.1, it is the intent to have temporary guard rails installed at all unprotected sides and edges, however when this is not feasible, fall protection must be provided using Personal Fall Arrest Systems.
 - **100% Tie-Off:** Personal Fall Arrest Systems must be utilized by all personnel working near unprotected sides or edges. Each trade or employer is responsible for training their personnel and providing them with PFAS when needed.
 - **Warning Line Systems are prohibited** for fall protection on the Snowdon Towers roof (regardless of trade).
 - **Anchor Points:** Must be OSHA-compliant and pre-approved by the GC.
-

4. PERMIT-REQUIRED ACTIVITIES

4.1 Confined Spaces

- Identified permit-required spaces exist on-site and will be noted on the construction drawings.
- Entry is prohibited without a written entry plan and permit submitted to the General Contractor one week in advance using the form provided by the General Contractor.
- Completed permit form must be approved by the GC's Superintendent prior to entry.
- Confined Space Entry Contractor is responsible for meeting all safety requirements, planning, training, and providing required PPE. The GC review is to ensure coordination with other trades on the project only.
- Dual-trade entry into the same space is prohibited.

4.2 Hot Work

- No work generating heat, flames, or sparks may not begin without obtaining an approved Hot Work Permit from the General Contractor.
- All trade contractors must utilize the Hot Work Permit form provided by the General Contractor and all sections must be complete, including identifying "fire watch" personnel as needed and providing their contact information. That person must have a cellular phone on hand as means of calling for emergency assistance.
- In case of emergency call 911 first and notify the site superintendent second.
- Trades must provide their own inspected fire extinguishers for hot work. The fire extinguishers provided by the General Contractor and distributed throughout the site may not be used to meet these requirements.

4.3 Scaffolds Over 24' (7.3 m)

- Any type of scaffolding that will exceed 24' (7.3 m) in height requires a permit to be submitted by the erecting contractor to the General Contractor.
- Completed permit form must be approved by the GC's superintendent and site safety manager prior to scaffold erection.
- Erecting contractor is responsible for meeting all safety and design requirements. GC review is for the purposes of coordinating with other trades and activities on site only.

4.4 Hazardous Materials (Hazard Communication)

- **SDS Submission:** Relevant Safety Data Sheets must be submitted to the GC prior to bringing materials on-site.
 - Safety Data Sheets (SDS) must meet GHS and OSHA requirements.
 - Safety Data Sheets will be maintained by the General Contractor and available to workers upon request.
 - **Storage:** Flammable chemicals and materials must be stored only in the designated laydown area and not left in the structure at the end of shift.
 - Flammable materials should only be brought into the structure in quantities that are expected to be used during that shift. Unused flammable materials **must be removed from the work area at the end of each shift.**
 - **Flammable products may not remain in the work area at the end of a shift.** These items must be properly disposed of, taken off-site, or relocated to the designated storage area on site.
-

5. EMERGENCY AND ENVIRONMENTAL RESPONSE

5.1 Emergency Response

- **Immediate Action:** In the event of a fire, medical emergency, or structural incident, personnel must immediately call **911** and then notify the General Contractor's Superintendent.
- **Evacuation:** Upon hearing the site evacuation signal, all work must stop immediately.
- **Egress:** Personnel must exit via the three core stairwells. The use of the construction elevator during a fire emergency is strictly prohibited.
- **Muster Point:** All personnel must report to the **Designated Muster Location** for a head-count against the morning sign-in log.
- **Railroad Emergency:** If an incident occurs near the north boundary, the GC must be notified immediately to contact the railroad dispatcher and halt track traffic.

5.12 Environment Protection and Spill Response

- A river exists along the north project boundary. Spill prevention and response is critical.
- Any spill must be contained immediately and reported to the General Contractor.

- The General Contractor will maintain two (2) spill containment kits on site (locations shown on drawings).
 - Spill kits must be checked by trades for adequacy for the products they are using on site.
 - Trade contractors must provide any additional spill response materials required for their scope of work or products.
-

6. SUBSTANCE ABUSE POLICY

The General Contractor maintains a zero-tolerance policy for the possession, use, or being under the influence of alcohol or illegal drugs on the project site.

- **Prohibited Conduct:** The use, sale, transfer, or possession of alcohol, illegal drugs, or controlled substances on the project site is strictly prohibited.
 - **Post-Incident Testing:** Any employee involved in an incident resulting in injury to themselves or others, or damage to property (including the railroad fence or river-bound assets), will be required to submit to a drug and alcohol screen immediately.
 - **Reasonable Suspicion:** The GC Superintendent reserves the right to require testing for any individual exhibiting behavior that suggests impairment.
 - **Prescription Drugs:** Personnel using prescription medication that may impair their ability to safely perform work (e.g., operating cranes or working at heights) must notify their employer's Competent Person prior to starting work.
-

7. CRISIS COMMUNICATIONS PLAN

In the event of a significant site emergency (e.g., fall, fire, structural collapse, or railroad breach), the following protocol must be followed:

- **Immediate Notification:** Notify the GC Superintendent immediately following the 911 call.
- **Media Inquiries:** Personnel and subcontractors are strictly prohibited from speaking to the media or posting details/images of the incident on social media.

- **Designated Spokesperson:** All inquiries from the press or public must be directed to the designated General Contractor Communications Officer.
 - **Railroad Coordination:** If an incident occurs near the north boundary, the GC will notify the railroad dispatcher to halt rail traffic on the adjacent tracks.
 - **River/DEP Reporting:** In the event of a chemical spill into the river, the GC Safety Manager will initiate mandatory reporting to the Pennsylvania Department of Environmental Protection (DEP).
-

8. HEAVY EQUIPMENT & LIFTING OPERATIONS

8.1 Equipment Inspections

- **Daily Log:** All heavy equipment (Excavators, Cranes, Forklifts) must be inspected by a Competent Person before the start of each shift.
- **Documentation:** Written inspection logs must be maintained on the piece of equipment and made available for GC review upon request.
- **Deficient Equipment:** Any equipment found to be in an unsafe condition must be tagged "Out of Service" and removed from the project site or repaired immediately.

8.2 Cranes and Hoisting

- **Lift Plans:** A site-specific lift plan must be submitted to the GC Superintendent at least one week prior to any pick.
- **Swing Radius:** The swing radius of all cranes must be physically barricaded at all times to prevent unauthorized entry.
- **Foul Line Compliance:** No crane booms or loads may swing over the north railroad foul line without a pre-approved railroad waiver and flagging plan.

8.3 Aerial Lifts

- **Training:** Only certified operators are permitted to use boom or scissor lifts.
 - **Tie-Off:** 100% tie-off to a manufacturer-approved anchor point is required in all boom lifts.
 - **Prohibitions:** Climbing on railings or using ladders inside the basket is strictly prohibited.
-

9. DISCIPLINARY ACTION & ENFORCEMENT

To maintain the safety standards established in the Safety Manual, the following disciplinary actions will apply to all trades:

- **Minor Violations:** Verbal warning followed by a written notice to the Subcontractor Principal.
 - **Serious/Repeat Violations:** Immediate removal from the project site.
 - **Life-Critical Violations:** Immediate and permanent removal for any individual bypassing fall protection, entering an un-shored trench, or entering a permit-required confined space without authorization.
-