



SCOPE OF WORK

Removal and Replacement of Concrete Walkway

Project Location - 339 Second Street – Troy, New York 12180

Approximate Area: 125 Square Feet against the building 12.5'x10' and 215sq ft walkway - 32"x80' long from alleyway to the back entry. Total 340 sq ft.

1. Site Preparation

- Contractor shall mobilize to the site and establish a safe work area.
- Protect adjacent structures, landscaping, walkways, utilities, and other areas that are to remain.
- Verify existing patio dimensions, elevations, drainage, and finished grades prior to demolition.
- Coordinate work to maintain positive drainage away from the building and prevent water from ponding on the new patio.

2. Removal and Disposal

- Remove the existing concrete in a controlled manner.
- Remove all existing concrete, including any deteriorated base material necessary to properly install the replacement concrete.
- Load, haul, and legally dispose of all demolition debris and unsuitable material off site.
- Leave the work area clean and ready for installation of the new patio.

3. Subgrade and Base Preparation

- Excavate as necessary to provide adequate depth for the new concrete slab and compacted base.
- Remove soft, unstable, or unsuitable soils encountered within the work area.
- Provide and install a minimum **2 inches of compacted crushed stone/gravel base**, or as required by site conditions.
- Compact the subbase in lifts to provide a firm, stable, and properly graded surface.
- Establish finished elevations to provide positive drainage away from adjacent buildings and structures.

4. Concrete Installation



- Provide and install approximately **±340 square feet of new concrete patio**.
- Concrete shall be a minimum **4 inches thick**, unless otherwise required by site conditions or local requirements.
- Provide concrete with a minimum compressive strength of **4,000 PSI**.
- Reinforce slab with welded wire mesh, fiber reinforcement, or equivalent reinforcement appropriate for the application.
- Install appropriate control joints to minimize random cracking. Joints shall be properly tooled or saw-cut at appropriate intervals.
- Provide isolation/expansion joints where the new patio meets existing structures, foundations, steps, sidewalks, or other fixed surfaces.
- Finish concrete with a standard broom finish suitable for exterior pedestrian use.
- Maintain proper slope for drainage, generally **1/8 inch to 1/4 inch per foot**, away from the building where site conditions permit.

5. Restoration and Cleanup

- Restore disturbed adjacent soil and landscaping areas caused by the work.
- Remove all excess materials, forms, debris, and construction waste from the site.
- Sweep and clean adjacent areas affected by the work.
- Leave the completed patio and surrounding work area clean, safe, and ready for use.

6. General Requirements

- Contractor shall furnish all labor, supervision, materials, equipment, tools, transportation, disposal, and incidentals necessary for a complete installation.
- Contractor shall obtain any required permits and comply with all applicable local building codes and regulations.
- Contractor shall field-verify all dimensions and conditions prior to commencing work.
- Any unforeseen subsurface conditions or work outside the scope described above shall be documented and submitted for approval prior to proceeding with additional work.
- Contractor shall provide a minimum **one-year workmanship warranty** on the completed installation.





