

# **DEMOLITION AND REMOVAL PLAN**

**DEMOLITION OF PS 169 ONE STORY BUILDING**

18-25 212 STREET NEW YORK, NY



**GENERAL CONTRACTORS**

**PREPARED BY:**

MPCC CORP

81 ROCKDALE AVE

NEW ROCHELLE, NY, 10801

## **PROJECT AND SITE DESCRIPTION:**

MPCC Corp has prepared this Demolition and Removal Plan, hereafter referred to as the “Workplan” for the purpose of providing a detailed description of demolition and removal procedures, which MPCC Corp will be implementing during the onsite activities at PS 169 Q 1 Story Building located at 18-25 212 Street, Bayside, NY.

This project consists of the demolition and removal of the one story building. The footprint measures approximately 45 feet by 135 feet. The interior of the building contains partitions separating the different classrooms and bathrooms. There is also a crawl space beneath the building. Building structure and foundation walls will be removed below grade. An 8-foot-high plywood fence will be installed at the south, east, and west property limits.

## **GENERAL WORK ACTIVITY OVERVIEW:**

The work covered under this Workplan will be conducted in a sequential manner, with some activities being conducted concurrently with others. Demolition work will be performed in accordance with OSHA, state and local codes, Ordinances and base standards. Depending upon site and other unknown conditions, MPCC general sequence of demolition activities may require alteration at any given time. A general summary of the sequence for the work activities is outlined as follows:

- A Sidewalk bridge has been installed prior to demolition in the rear alleyway egress used by the school.
- Caution signs will be posted at site entrances to alert drivers of truck entry/exit on 23<sup>rd</sup> avenue and 212 street.
- Signage will be posted as required by our DOT permits and direct approved visitors to the office trailer.
- Abatement of the building has already been performed prior to demolition.
- All work shall be performed in accordance with MPCC Health & Safety Plan and local state and federal regulations.
- Dust control shall be achieved by continuously spraying down the work area during demolition.
- MPCC will demolish the building using a PC-200 or similar style excavator. This will be achieved by collapsing the roof into the building and collapsing the exterior walls inward.
- Metals shall be sorted from debris. Metal will be removed and sent to a recycling facility.
- School adjacent to demolition area will be occupied. Demolition will be conducted after hours so operations of occupied buildings will not be disrupted.
- MPCC will maintain access to existing walkways, exits and other facilities used by occupants of adjacent building

- MPCC will provide early notices of any activity that will affect operations of adjacent occupied buildings.
- Removal of demolition debris and material to appropriate offsite disposal/recycling facilities.

### **WORK HOURS AND SCHEDULE:**

Demolition activity shall be conducted between 3:30 p.m. and 10:00 p.m. on weekdays and 7 – 4pm on Saturdays. Demolition work is expected to take approximately 1.5 months.

### **EQUIPMENT/MATERIAL STAGING AND PARKING:**

Vehicles and equipment will initially be located in the public street parking and in the staging area as needed.

### **DEBRIS/STOCKPILE STAGING:**

Soil and debris stockpiles will be staged in the staging area and demolition area.

### **DUST CONTROL:**

Dust control will be considered an important part of the overall project. MPCC will utilize a localized fine water spray to the source of demolition activities, thereby reducing airborne dust particles. To minimize the run-off of water, the water supply will be used only when necessary.

Dust control measures will include, but may not be limited to:

- Water all active construction areas multiple times during the shift and more often during windy periods.
- Active areas adjacent to residences should be kept damp at all times.
- Cover all hauling trucks or maintain at least 2 feet of freeboard.
- Sweep daily with water sweepers all paved access roads, parking areas, and staging areas.
- Sweep adjacent streets daily with water sweepers if visible soil material is deposited onto the road surface.

### **GENERAL DEMOLITION:**

Prior to commencement of building demolition of the one story building, a thorough walkthrough and evaluation of the building will be conducted to confirm that all appropriate measures have been completed to ensure that the area is ready for commencement of demolition activities.

Excavators equipped with concrete breakers, concrete munchers, grapples, and other modern hydraulic demolition tools and attachments will be utilized. Wherever possible, large structures will be removed to ground level using mechanized means. Subsequent sizing of scrap materials

such as steel and rebar and other material processing activities will take place at grade level, hauled offsite and recycled accordingly.

General building/structure demolition will be conducted in a manner that does not interfere with or encroach upon the existing surrounding pedestrian and vehicular traffic during normal activities.

**PRE-STRUCTURAL DEMOLITION ACTIVITY:**

MPCC will use Bobcat–type skid steer loaders and/or hand labor to remove all soft debris that is not easily separated from the concrete material. This includes removal debris piles, roofing, ceilings, HVAC ducts, insulation, plaster partition walls, lights and all other building components that will not be recycled.

**MATERIAL RECYCLING AND DEMOLITION DEBRIS DISPOSAL:**

Materials that are not going to be recycled will be loaded into semi-end dumps and hauled to a disposal facility for further recycling or landfill.