



Demolition Work Plan
One Story Detached Garage
415 Furr Dr, San Antonio TX, 78201

Contractor shall furnish all supervision, technical personnel, labor, materials, machinery, tools, equipment, and services, and transportation services to perform and complete all work required for the scope of work listed below in an efficient and workman like manner.

Demolition is to include the complete removal of an existing commercial structure and its respective concrete foundation. Demolition of parking lot asphalt.

Demolition Contractor of Record

J.R. Ramon & Sons, Inc. /dba/ JR Ramon Demolition

Demolition License Holder: Timothy N. Ramon
Demolition License Number: DC-101, City of San Antonio

Demolition Activity Prerequisites

- Demolition permitting and TDSHS 10 Day Notification
- Disconnection/relocation of all Utilities from structures to be demolished –

Project Field Supervision

At the heart of every successful project are competent individuals with the knowledge and wisdom to motivate personnel to yield above average productivity while demanding safety. Our Site Project Managers, Site Supervisors, and Site Safety Officers will be on site and available to site operators and other authorities having jurisdiction over the work at all times during hours of operation. Contract Emergency Numbers will be posted on the jobsite and distributed to all interested parties.

Demolition Project Manager and Demolition Superintendent/Supervisor will be 30HR OSHA Construction Safety certified. The demolition superintendent/supervisor will be designated as the competent person.

The Demolition Project Manager for this project will be:

Jared Garner - Primary Project Manager (432) 269-9466

Site Superintendent / Competent persons for this project will be:

Ceasar Avila - Primary Superintendent (210) 708-2474

The Site Safety Officers for this project will be:

Tina Weeks

Primary Site Safety Officer

(210) 383-3367

Demolition Work Activities

- Recovery of Assets and Salvageable equipment
- Selective demolition and removal of components for equipment access and extraction
- Mass Structural Demolition
- Removal of concrete foundations, footings, beams and piers
- Recycling and/or disposal of all debris generated by demolition operations

Equipment to be Used

- Hydraulic Excavator
- Demolition Hydraulic Breakers – CONNECT –
- Skid Steer

Methodology

GENERAL

All personnel involved with demolition activities are to wear the proper Personal Protective Equipment at all times. PPE required included, but not limited to, high visibility safety vest, hard hat, work gloves, long pants, hard-soled work boots, and safety goggles. All personnel involved with demolition activities will be properly trained in the execution of the work, have current safety certification associated with the activity (including but not limited to 10HR OSHA Construction Safety, Excavation & Trenching Safety, Lead Awareness, Asbestos Awareness, Fall Protection, Lock-out Tag-out Procedures, Aerial Lift Certifications, and CPR & First Aid Certifications) and have adequate experience in his/her assigned duty. Assigned duties may include, project superintendent or foreman, heavy equipment operator, ground labor, torch man or burner, Class A and B vehicle drivers.

All heavy equipment, machinery and tools will be inspected daily to ensure proper operation and function of safety devices. Demolition will be accomplished with heavy equipment and attachments of correct size, strength, and height to handle the materials being demolished. Heavy equipment will be armored for demolition and equipped with demolition attachments such as hydraulic breakers, concrete pulverizers, steel cutting hydraulic shears, debris grapples, and material handling thumbs. Re-fueling of machinery and needed repairs and maintenance will be performed in one designated area when possible. Spill Containment Kits will be kept on site at all times in a designated location.

All debris generated from demolition activities will be handled in accordance with the Site Specific Waste Management Plan. Segregation of materials will be performed throughout the demolition process and prepared for proper disposal or recycling. Items to be recycled include, but not limited to, ferrous and non-ferrous metals and concrete, block and other inert

rubble. Debris and salvage materials will be kept in organized piles and disposed of off-site on a daily basis. Debris and recycling materials will be loaded into dumpsters and/or debris trailers and hauled-off site for final disposition. All loads of debris are to be manifested and disposed of in a certified and legal landfill or recycler licensed to accept identified material.

Prior to Demolition activities taking place a "Pre-Demolition survey" will be conducted by a competent person (project manager or superintendent). The survey will verify the removal of all hazardous, toxic and regulated materials, and utilities including water, natural gas, electricity, steam, telephone, etc. have been disconnected. The disconnection of the utilities is to be performed by others. The survey will also include a review of structure components, materials, equipment, fixtures and appliances incorporated in the structure that are deemed worthy for reuse will be removed, as well as identify any other hazardous conditions present.

In the event a hazardous material, or suspect hazardous material, is discovered during the course of demolition operations, the project competent person will immediately stop demolition operations in the area, demarcate the area, and notify project administrators of the presence of materials. Asbestos materials, or suspect asbestos materials, shall be thoroughly wetted prior to the abandonment of the area. No further work or activities shall take place until official notice to resume work has been issued by the appropriate authority.

DUST SUPPRESSION

Dust suppression measures will be implemented during any activity that creates a visible dust emission, included, but not limited to; mass demolition, selective demolition, and debris handling/loading. Dust suppression will include the application of water by hose and/or turbine powered misters. Storm Water Pollution Prevention devices are to be in place to handle excessive run-off from dust control operations.

MASS DEMOLITION OF STRUCTURES – (Less than three Stories in Height)

Basic methodology and approach to demolition activities are to flow in a sequence of events that ensure safe and efficient performance.

Building infrastructure will be demolished by use of heavy Demolition equipment equipped with hydraulic demolition attachments with the ability to grab, cut, crush, and break building materials into manageable sizes. Demolition Equipment will be adequately sized to allow demolition to commence from the highest point of the structure and proceed downward. Materials will be reduced in size and processed for the removal of recyclable materials. All debris will be contained in neat and orderly stockpiles within the footprint of the structure being demolished until loaded into debris dumpsters and transported off site for proper disposal and/ or recycling. Debris is to be transported for disposal/recycling on a daily basis. Dust suppression measures are to be exercised at all times.

CONCRETE FOUNDATIONS

Concrete foundations and basements will be broken using Heavy Construction equipment equipped with hydraulic demolition attachments capable of breaking, cutting, and crushing materials in manageable sizes. Reinforcing steel will be extracted from the materials and segregated for recycling. Concrete debris will be gathered and neatly stockpiled in preparation of load out. Debris are to be loaded and transported off site on a daily basis.

Concrete foundations, piers, and footings are to be removed to a minimum of three (3) foot below existing slab elevation

ANTICIPATED PROJECT WASTESTREAM and DISPOSAL/RECYCLING FACILITIES**

Non-regulated & Regulated C&D Materials	Beck Landfill C550 Farm to Market Rd 78 Schertz TX, 78154
Ferrous Metals	Monterrey Metal Recycling 2300 Frio City Rd San Antonio, TX 78226
Concrete Materials	Ramon Demolition Concrete Yard 10640 TX – LOOP 1604 San Antonio, Texas 78226

The above information is provided as a plan for the handling of the waste stream generated by the demolition portion of this project. On-site operations, activities and methodology is subject to change at the discretion of the demolition contractor.

***Facility disposal sites and recyclers are subject to change at the discretion of the demolition contractor. Any and all changes will remain in compliance with all applicable municipal, state and federal laws and regulations governing waste stream handling and facility operations.*

****Anticipated quantities and percentages of waste stream materials and their final disposition are estimates only based on the existing conditions visually observed by the contractor prior to the commencement of demolition activities and information provided to the contractor in project bid documents. Project close-out documents, manifests logs and Final reporting of Waste Stream disposition will provide actual quantities and percentage of materials handled as a result of demolition operations.*