DEMOLITION: The act or process of completely tearing down, to wreck or level. to do away with completely
A STEP BY STEP PROCESS

BEFORE WORK STARTS:

- Engineering Survey**
- Identification of Hazardous** Materials (Lead/Asbestos)
- Demolition Plan**

** Mandatory critical documents

Great list on Pages 2 & 3
DEMOLITION SAFETY

ENGINEERING SURVEY REGISTERED ENGINEER
STRUCTURAL LAYOUT OF BUILDING
CONDITION OF FLOORS, FRAMING, WALLS
POSSIBILITY OF UNPLANNED COLLAPSE
ADJACENT STRUCTURE STABILITY
IDENTIFY ANY DEMOLITION HAZARDS
UTILITIES DISCONNECTED AND/OR CONTROLLED

HAZARDOUS MATERIAL IDENTIFIED AND REMOVED
TOP DOWN SYSTEM
ACCESS/EGRESS DESIGNATED AND PROTECTED
CONTINUOUS INSPECTION BY COMPETENT PERSON

sprinkler system last
DEMOlITION SAFETY

DEMOlITION PLAN BY REGISTERED ENGINEER

Based on the Engineering Survey & Hazardous Materials Surveys (asbestos/lead)
Address all issues for the specific structure
Discuss methods of protection public from job

Both GDA & Contractor to be provided with written evidence that the Engineering Survey and Asbestos/lead survey have been performed. 23.A.01 b
ALL EMPLOYEES ENGAGED IN THE DEMOLITION TO BE INSTRUCTED IN THE DEMOLITION PLAN ACTIVITIES

This is our Preparatory for the Demo Plan
STRUCTURES BUILT PRIOR TO 1980 MOST LIKELY WILL HAVE ASBESTOS AND LEAD BASE PAINT PRESENT
The fence is not up between job and school!!

Extra! Child hurt on demolition job cross from School Parents Suing!!
Points of Access/Egress to be clearly designated with shed canopies over these locations.

Protection to be from face of building for a minimum of 8 feet.

Canopies at least 2 feet wider than opening on each side.
Debris chutes at a angle of more than 45° from the horizontal shall be enclosed, access to opening protected when not in use.

Openings in floors for debris dropping shall be guarded with a standard guardrail.

Wheel-stop bumpers for wheelbarrows
Removal of windows 
roof top units

Work top down

KNOW WHERE ANY
PRESTRESSED CONCRETE MEMBERS ARE LOCATED

See Page #4 & 5 for Information about Pre-stressed Concrete!
DEMOLITION SAFETY

No wall section over 6 ft. permitted to stand without lateral bracing!

The weight of the demolition ball shall not exceed 50% of the crane’s rated load at the angle it will be used.

During demolition, continuing by a competent person shall detect hazards.

Hey Fella! This should have been covered in the Demolition Plan!!
Coordinate with local fire dept.

See NFPA-241 for special requirements

Charged fire hose at site

Use of water to reduce silica exposure
DEMOLITION SAFETY

Insure AHA
Fire protection
Equipment safety
PPE safety
Protect public from site

I call this DEMOLITION BY FIRE!!
Demolition methods may change

The minimum Safety requirements are all the same