



Demolition and Disposal Plan

**Dismantling of:
Fulton Gas Demolition Project Phase 1**

February 12, 2021

Prepared for:
City of Richmond, Virginia

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1.0 Introduction

The purpose of this Demolition and Disposal Plan is to establish methods and procedures for Demolition Services, Inc. (DSI) to follow during the safe and resourceful dismantlement of the Fulton Gas Works facility Gasometer. In addition of the submitted plan all work will be performed following OSHA Standards 29 CRF 1926. Please note that the following work will be performed under one (1) mobilization.

2.0 Building Description

The existing Fulton Gas works facility Gasometer is built from steel. The steel structure is approximately 60' in height. The Gasometer is built in 3 tiers constructed on a raised platform. Each tier is approximately 20' tall.

3.0 Dismantling Notes

Gasometer dismantling

- Prior to the start of the physical dismantling of the Gasometer DSI's Competent Person will walk the structure and determine the condition of the Gasometer, its adjacent areas and the existence of other potential hazards created with from the dismantling of the Gasometer. Prior to the start of Gasometer dismantling DSI will ensure all utilities have been disconnected and made safe.
- Pre-Activity Meeting for each Definable Feature of Work (DFOW) to review its specific Activity Hazard Analysis (AHA) will be held on site prior to the physical start of the dismantling operation.
- Prior to the start of dismantling the Gasometer DSI will clear away all vegetation, undergrowth, and/or obstructions that create a working hazard.

- Prior to the start of dismantling DSI will access the elevated tiers of the Gasometer and inspect the structural steel and cross members to assess the disconnection points for a safe dismantling.
- After the inspection of the disconnect points DSI will start the dismantling procedures working from the top tier moving the ground level. Each tier will be completed prior to starting the next tier level.
- DSI will use man lifts to gain access the elevated work areas. Each man lift will have trained lift operators, Oxygen/acetylene torch systems, fire extinguishers, and hand tools.
- Prior to removing any bolts or stabilizing rods etc. DSI will have rigged the item to be removed to the crane/telescopic boom lift.
- DSI will do its best to use hand tools such as impact wrenches to remove bolts/fasteners. If the bolts will not become free with these tools DSI will need to torch remove the bolts/fasteners in a manner not to damage the man structure.
- As the cross members, vertical beam, and tension rods are lifted and placed on the ground DSI will label each piece in a order to create a plan for reinstallation by others.
- The mentioned reinstallation plan will be in alphabetical and numerical system- The tiers will be labeled A-C and each vertical beam will have a number (1-12) and letter reflecting which end goes to which tier. Each cross member will also have letter to show which tier it goes with numbers showing which section it goes to. ***See attached sketch.***
- All dismantled materials will be securely bundled to be loaded onto flatbed trailers using forklifts.

