

HSE Jacking Operations Procedure				Number: 2190542-01
Villanova Law School Parking Garage				Revision: 0
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Purpose / Process Overview

The purpose of this document is to provide detail, direction, and procedures for jacking operations at the subject location. The scope of work to be performed by HSE includes jacking Girders G-129 and G-124, which support the double-tees that comprise the roof parking level, approximately 5" to correct deficient vertical clearance. Vertical shoring is installed in similar locations in the lower levels, providing a direct, vertical load path to the existing foundation.

All preparatory work – including but not limited to removing cast-in-place concrete wash, exposing and removing designated precast connections, removing and/or disconnecting utility conduits in the work area, and excavating and exposing the existing footing – shall be performed by others and prior to HSE operations.

General Notes

1. The Erector shall be responsible for verifying the weight of each lift and insuring the stability of each member during all phases of jacking.
2. No construction materials or equipment shall be allowed on parking deck while in supported condition.
3. This procedure is to be used only as a guide and may change due to actual site conditions. Foreman may substitute

Procedure

Step:

1. There shall be no live load, including but not limited to equipment and personnel, on the structure during lifting or lowering operations.
2. The concrete wash areas