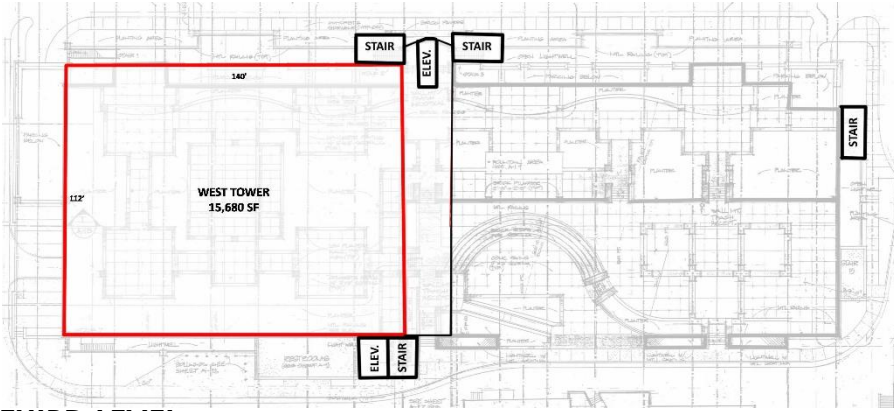


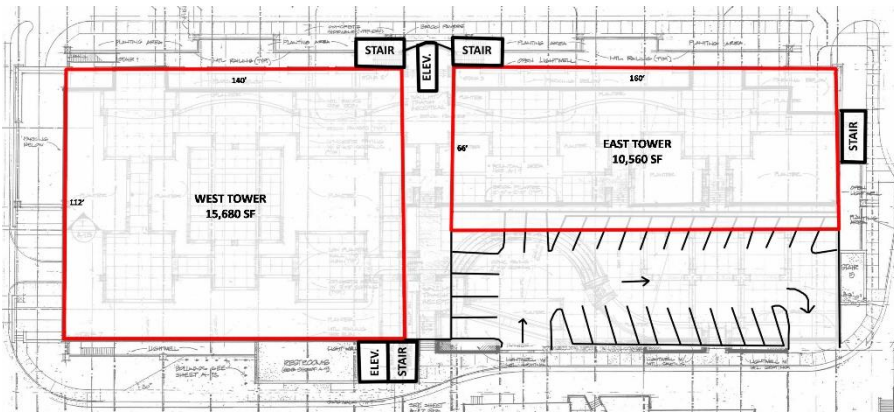
Wallace Parking Facility

Feasibility Study

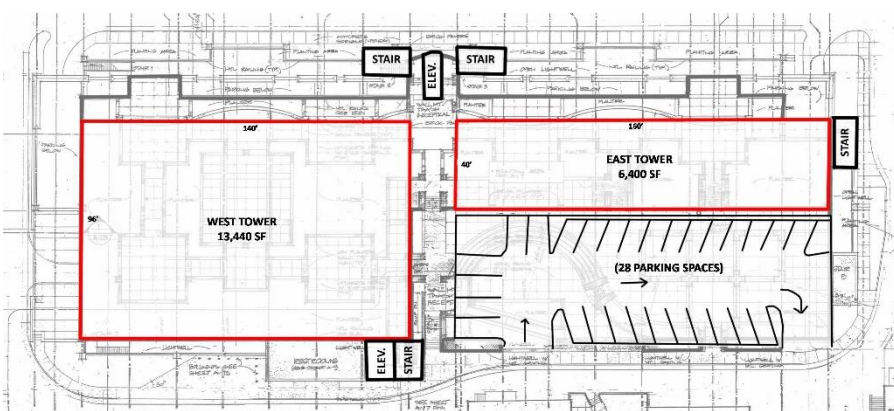




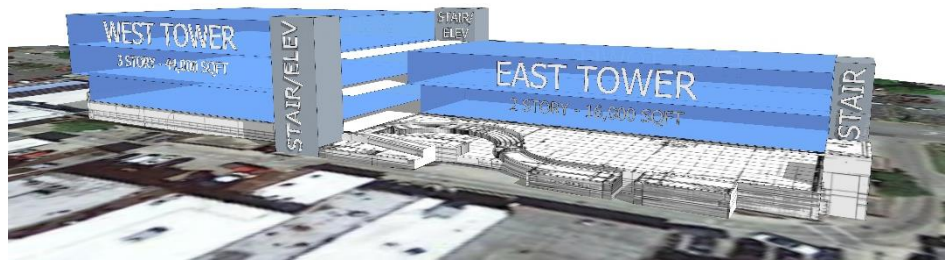
THIRD LEVEL



SECOND LEVEL



PLAZA LEVEL



VIEW FROM FRANKLIN STREET



VIEW FROM ROSEMARY STREET

EXECUTIVE SUMMARY

This study demonstrates the ability to construct a three-story 60,000 square foot structure on top of Wallace Parking Facility. Existing structure and utility connections provide necessary infrastructure.

Conditions:

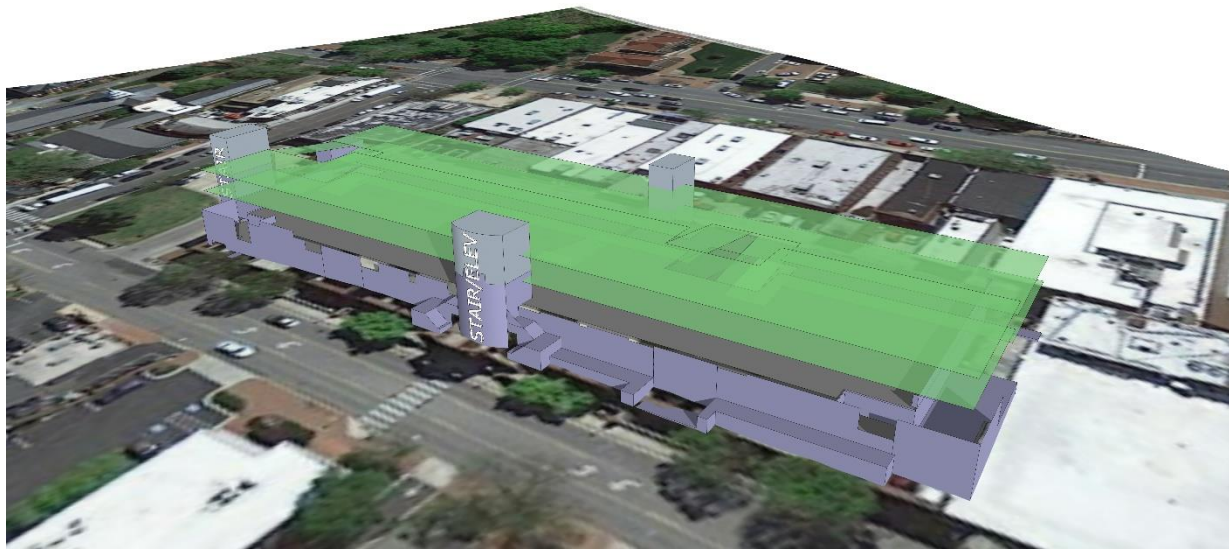
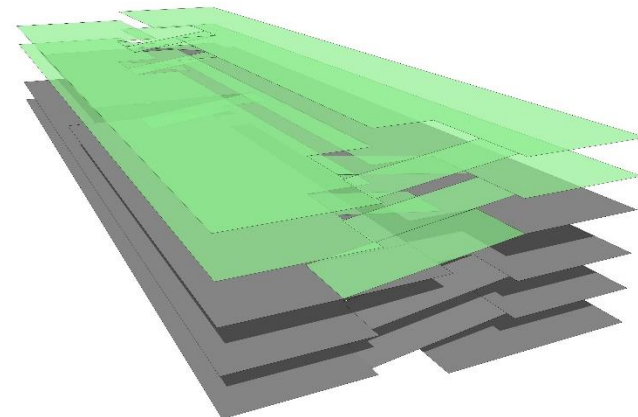
- Point loads for all new construction must bear directly on existing columns
- Shear walls will need to be added in strategic locations in existing parking deck to meet NC Building Code seismic design requirements.
- Egress stairs require 2HR fire separation from existing parking deck.
- Existing utility connection will need to be expanded.
- Electrical service will need to be upgraded.
- New construction will require a sprinkler system, and we recommend installing a dry pipe sprinkler system in the existing parking deck to protect the new construction on top.

EXECUTIVE SUMMARY

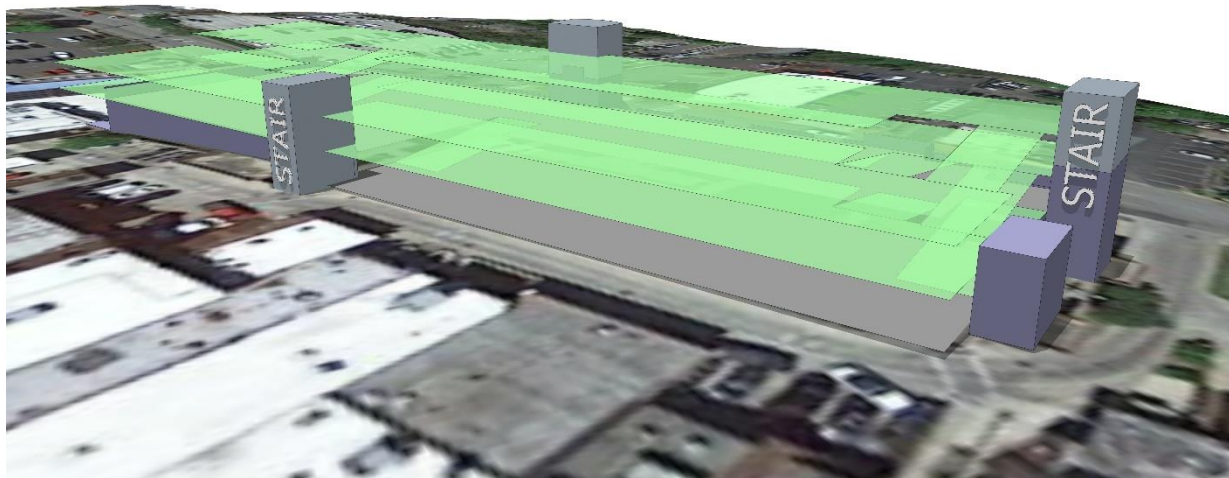
This study demonstrates the ability to construct a two levels of structured parking on top of Wallace Parking Facility. Existing structure provides necessary infrastructure.

New parking levels could either be separate from existing levels below, with entry from alley, or connected to existing levels below with interior ramping.

- **317** existing parking spaces
- **350** new parking spaces
- **667** total parking spaces
- If the new parking levels were connected to existing parking below, ramping would take **6** spaces (**661** total spaces).
- New levels would not require elevator service.
- Approximate cost estimate= **\$7 million**



NORTHWEST VIEW



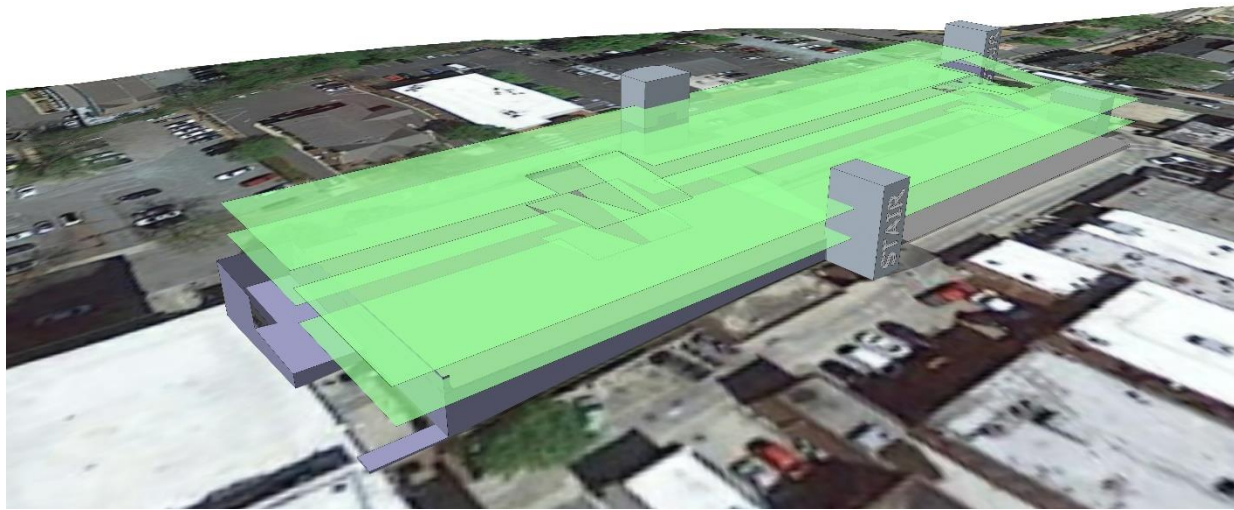
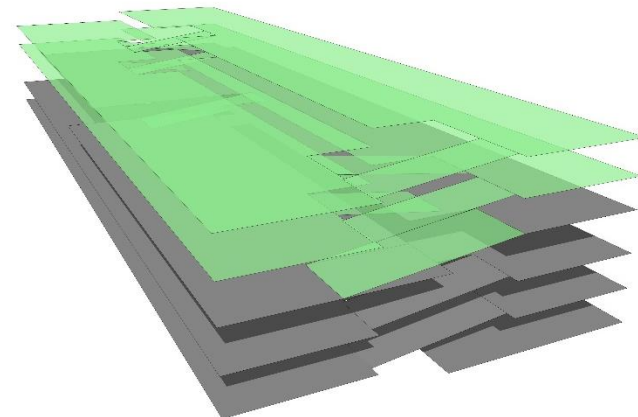
SOUTHEAST VIEW

EXECUTIVE SUMMARY

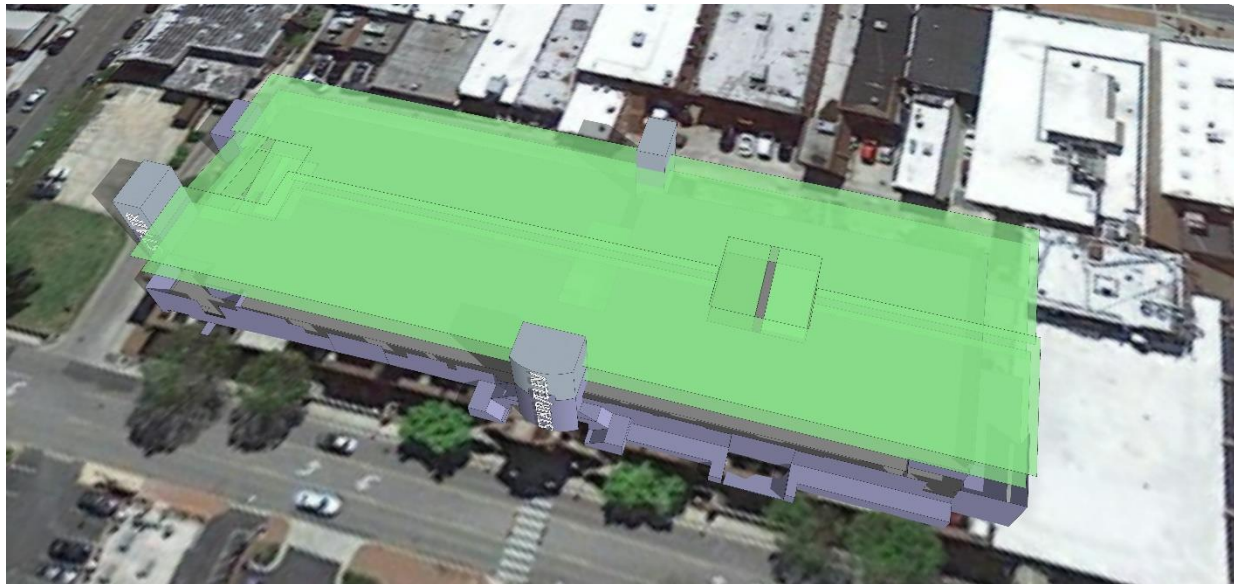
This study demonstrates the ability to construct a two levels of structured parking on top of Wallace Parking Facility. Existing structure provides necessary infrastructure.

New parking levels could either be separate from existing levels below, with entry from alley, or connected to existing levels below with interior ramping.

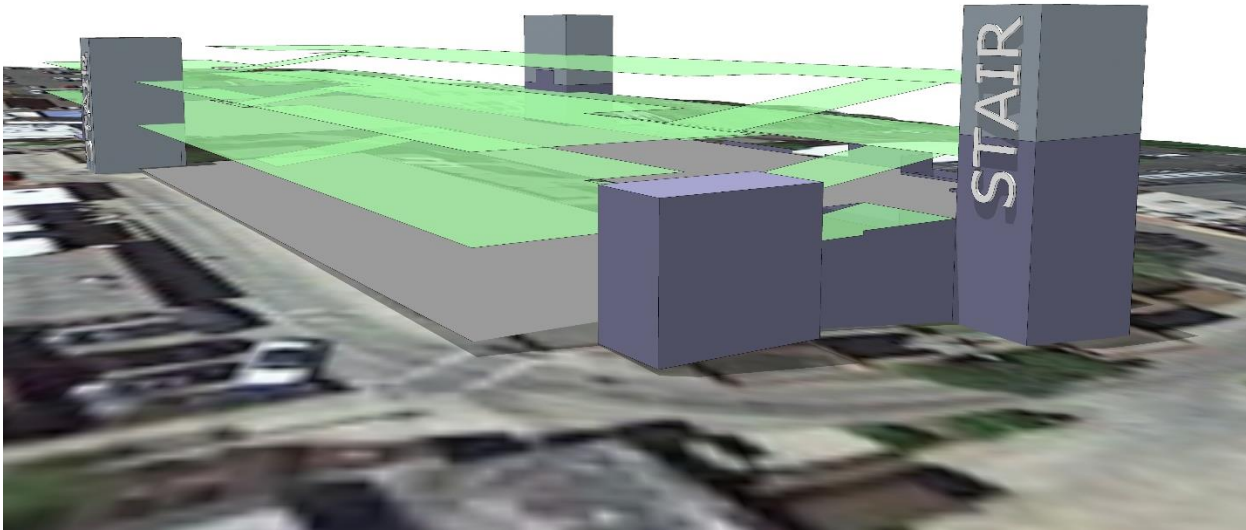
- **317** existing parking spaces
- **350** new parking spaces
- **667** total parking spaces
- If the new parking levels were connected to existing parking below, ramping would take **6** spaces (**661** total spaces).
- New levels would not require elevator service.
- Approximate cost estimate= **\$7 million**



SOUTHWEST VIEW



AERIAL VIEW



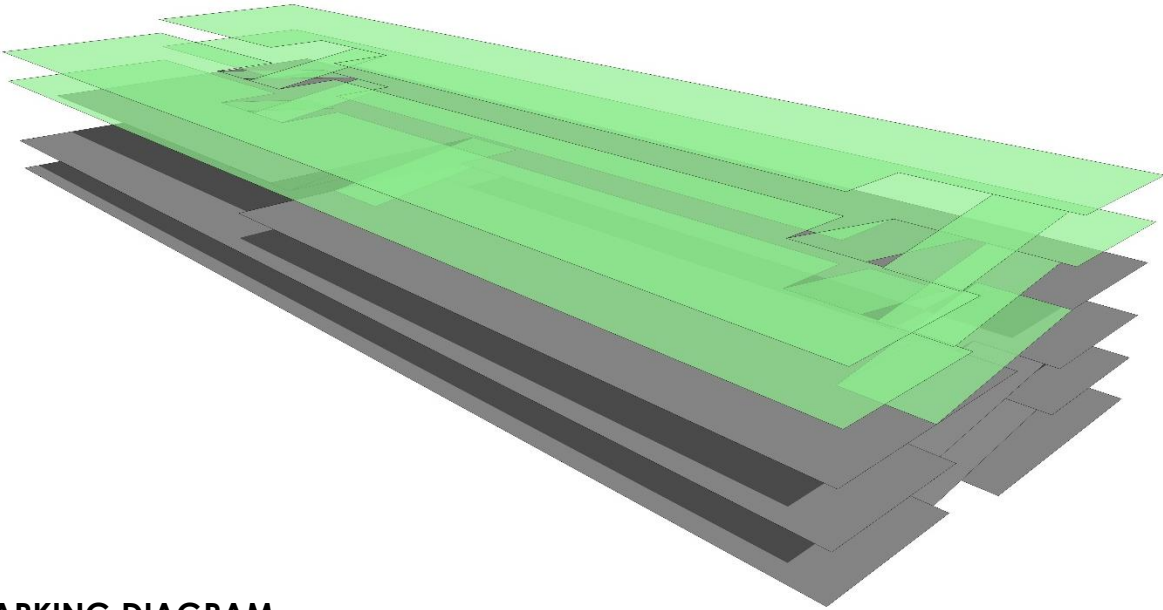
SOUTHEAST VIEW

EXECUTIVE SUMMARY

This study demonstrates the ability to construct a two levels of structured parking on top of Wallace Parking Facility. Existing structure provides necessary infrastructure.

New parking levels could either be separate from existing levels below, with entry from alley, or connected to existing levels below with interior ramping.

- **317** existing parking spaces
- **350** new parking spaces
- **667** total parking spaces
- If the new parking levels were connected to existing parking below, ramping would take **6** spaces (**661** total spaces).
- New levels would not require elevator service.
- Approximate cost estimate= **\$7 million**



PARKING DIAGRAM

