



MEMORANDUM

Date: February 2, 2021

TO: Building Counter and Plan Check Staff

FROM: Mark Fine, Deputy Director of Building Inspections

SUBJECT: Cargo Container Accessory to Single Family Residence

A building permit is required for the installation of a cargo container used for personal storage, accessory to a single-family residence.

A plan review will not be required for the permit when the cargo container installation is as follows:

- Cargo container with a maximum dimension of 8' X 20'.
Each corner of the cargo container shall be supported and anchored down to a concrete spread footing that is a minimum, 30" x 30" x 12" (18" in expansive soil areas of the county) into the undisturbed soil. Each spread footing shall also have (3) #4 re-bars each way with a minimum 3" clearance to the soil and a holdown device having a minimum uplift value of 2800 lb.
- Cargo container with a maximum dimension of 8' X 40'.
Each corner and at the middle of the long direction span of the cargo container shall be supported and anchored down to a concrete spread footing that is a minimum, 30" x 30" x 12" (18" in expansive soil areas of the county) into the undisturbed soil. Each spread footing shall also have (3) #4 re-bars each way installed with a minimum 3" clearance to the soil and a holdown device having a minimum uplift value of 2800 lb.

Typical holdown devices that will meet the minimum uplift value:

- Strap application: PA-23, STHD10 or HPA-28 using #10 metal self-tapping screws.
- A minimum 2' long #4 re-bar shall be installed adjacent to the holdown, 3" to 5" from the top of the concrete.