

These guidelines are updated periodically. Users of the guidelines are encouraged to check this site as needed to be sure of having the most current edition. Comments and suggestions concerning improvements to this section of the guidelines may be submitted to: djfried2@uncg.edu.

11000. GENERAL PROVISIONS

Capital improvement project equipment is in one of two categories:

Fixed (built-in) Equipment is defined as equipment that will become an integral part of the project by the fact that it will require connections with the structural, mechanical, plumbing, electrical or data systems. It is acquired through the construction contracts and is in the project construction budget. This includes such items as shelving, food service equipment, unit kitchens, cabinets, laboratory work benches, fume hoods, landscape furniture/cubicles, and fixed seating. The specifications shall clearly define which Contractors have responsibilities relative to equipment receiving, inventory and installation (including utility hook-ups and testing).

Moveable Equipment is generally defined as equipment that does not have a permanent attachment to the building's systems. Usually, there is a budget for moveable equipment within the total project authorization. This equipment will be purchased by the University directly and is not part of any construction contract. Most of the items will be purchased by the University's Purchasing Department and, therefore, are governed by state purchasing regulations (i.e., competition is required on large or numerous items and a specific brand or model might not be obtained due to the bid process). In some instances, the end user will opt to purchase Moveable Equipment utilizing a separate Budget Source and the cost for Moveable Equipment may not be included in the total project authorization.

There may be a preliminary list of moveable equipment in the project's program statement and the Designer may be asked to help develop the final moveable equipment list.

It is generally desirable to install the moveable equipment after most of the construction is complete. Some of the equipment may require connections to the project structure or utilities; therefore allowances for connections shall be made in the project design (power, data, water, waste, etc.). Both specifications and drawings shall clearly define who is responsible for receiving, installing and connecting the equipment.

11480. VENDING EQUIPMENT

Vending areas shall be provided at each major facility. FDC will coordinate vending area requirements to be included in the design. Connection requirements of equipment (power, data, water, etc.) shall be provided to the Designer and included in the design. Equipment shall be provided by the University or vending companies having contracts with the University. Requirements for a typical vending area are as follows:

1. Space shall be provided for four (4) individual vending machines, excluding washers and dryers in residential areas.
2. Each vending machine requires a 20amp duplex receptacle fed by an individual 20 amp circuit.
3. All water and electrical/data outlets should be 18 inches above finished floor level.
4. Floor finishes should be hard surface (ceramic tile, etc.).
5. Each vending machine requires a single data outlet, including washers and dryers.
6. Each vending machine requires a minimum width of 42 inches and a minimum depth of 36 inches. There should be an allowance of 2 inches from each end wall and between each machine. There should be an allowance of 4 inches behind each machine.