

PART 1 - GENERAL

1.01 Intent of Document

The information included in this section is intended to identify the **SPECIFIC ITEMS** required by Oklahoma State University in the design and construction of facilities on the campus. Items of "normal, code, industry, or standard construction practice" are not included in this section.

PART 2 - MATERIALS

2.01 Controller

Controller shall be a contact relay or microprocessor as manufactured by Motion Control Engineering (**No Substitutes**).

2.02 Reversal Device

Reversal device shall be proximity type with full height infrared curtain detection unit as manufactured by T.L. Jones ("Microscan EI") or Tri-Tronics ("Magic Edge") with a minimum of 64 microprocessor controlled light beams projecting across the car entrance.

2.03 Casing

Protective casing for jack shall be PVC Schedule 40 casing with waterproof seals at the top and bottom of the sleeve.

2.04 Sump Pump and Container

Furnish and install sump pump, pit, container, etc. as shown on Detail 1.

2.05 Alarm Panel

Metal enclosure according to Article 370 of NEC 1996 with red warning light, horn silence switch, alarm horn, and push-to-test switches.

PART 3 - INSTALLATION AND ACCEPTANCE

3.01 General:

- A. Provide full maintenance service for a period of twelve months following date of substantial completion. Service shall include monthly systematic inspection, adjustment, lubrication, and preventative maintenance of equipment. Replacement parts installed shall be produced by the elevator equipment manufacturer. Monthly warranty inspections must be validated by a designated Physical Plant employee. Provide 48-hour advance notice of inspection.

- B. Provide 24-hour, 7-day emergency call back service.
- C. Install PVC casing with a minimum of 4" of casing extending above the bottom of the pit floor.
- D. Provide the Owner two (2) sets of operations and maintenance manuals two weeks prior to testing and demonstration of the equipment.
- E. Demonstration shall include instruction of Owner's personnel in the proper usage, operation and maintenance requirements of the elevator equipment. Instructions shall include emergency provisions including emergency access, removal of trapped occupants, and procedures for dealing with operational malfunctions of the equipment.
