

DIVISION 1 - GENERAL REQUIREMENTS

SECTION 01501 - SAFETY

I. GENERAL

A. STIPULATIONS

The "Special Requirements" and "General Conditions" form a part of this section by this reference thereto and shall have the same force and effect as if printed herewith in full.

B. RELATED DOCUMENTS

The Contract Drawings and the Standard Form of Agreement apply to this Section.

C. SUMMARY

This section emphasizes certain safety condition that must be maintained during construction.

II. PRODUCTS (NOT APPLICABLE)

III. EXECUTION

A. Regarding safety requirements during construction, the following apply:

1. Open ditches must be fenced; where walks cross such ditches, bridged walkways must be provided with rails on both sides. Bridged walkways must be adequately lighted at night.
2. Temporary walks and roads should be surfaced by number 2 crushed stone if they are to be in public use.
3. Walks and roadways used by both Contractor and the public shall be kept in repair and cleared by the Contractor at least once each day and more often as conditions require.
4. No obstructions are to be placed on or within 15 feet of fire hydrants. Hydrants must be accessible for fire fighting purposes.
5. Any type of temporary heating units used must be adequately protected and attended.
6. Where walkways, roadways, or entrances used by the public are adjacent to or pass under construction scaffolding or near building edge, the Contractor shall

provide an adequate covering for such area to protect passersby from falling objects.

7. All temporary construction sheds, trailers, and flammable liquid storage areas belonging to Contractors shall be so placed on the construction site to minimize any danger to University property and the public.
8. The System is available for consultation regarding the above items and any other safety matter.

B. BLASTING: It will be necessary for the Contractor doing blasting to conform to an established procedure which is in effect on the Campus and is as follows:

1. No blasting may be done without prior approval of the System project manager.
2. When a Contractor proposes to set off a blast, he shall advise the System of his intention to do so not less than seventy two hours in advance of the time of the blast.
3. Upon notification of an intended blast, the System will be notified to dismantle or protect appropriate equipment.
4. Any Contractor, after having notified the System of his intention to blast, will not be permitted to blast until he receives an all-clear notification.
5. All of the requirements of the "General Provisions" will apply.
6. All blasting required in the removal of rock shall be performed by qualified power men. All requirements of local, state or other laws and regulations relating to this type of work must be fully complied with; all permits required must be obtained and paid for by the said Contractor prior to the commencement of any blasting.
7. The utmost care is to be exercised in the performance of blasting work and the size of the blasting charge must be kept to a minimum. No charge is to be set off until proper blasting mats have been placed over the affected area and every reasonable precaution taken to protect life, the building structure, and all property in the vicinity. The said Contractor will be held responsible for any damage resulting from blasting performed by his men. Should said Contractor do any blasting, he must take out and maintain blasting insurance in the "General Conditions" under the heading of contractor's insurance to the same levels as specified.
8. All blasting must be accomplished by the use of electrically energized charges; open fuses will not be permitted. The Contractor shall not bring to the site

more blasting power, sticks or caps than will be required for one day's operation. The storing of any such material on the site, after normal working hours, is absolutely prohibited.

9. All Contractors blasting will be required to use a clearly distinguishable, audible horn or whistle capable of being heard above other normal background noises at least 200 feet from the blasting site.
10. A specific blasting Signal Code must be established on the following basis; with appropriate signs designating the code conspicuously posted at points along the perimeter of the job site:

Warning - Blasting Operations

1 Whistle Blast -- Warning

2 Whistle Blasts -- Clear the Area

3 Whistle Blasts -- Explosion

The licensed blaster shall be responsible for the sequence of whistle blasts with an appropriate delay between each, in the interest of safety to all persons in the area.

11. At the Warning Signal, flagmen shall be posted at least 200 feet from the blast site on all sides, with additional flagmen posted at intermediate building exits, where required. These flagmen shall stop all pedestrian and vehicular traffic from entering within the 200 feet limit of the blasting area.