

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
1. Preparing and grading subgrades for slabs-on-grade, walks, pavements, and landscaping.
 2. Excavating and backfilling for buildings and structures.
 3. Drainage and moisture-control fill course for slabs-on-grade.
 4. Base course for walks and pavements.
 5. Subsurface drainage backfill for walls and trenches.
 6. Excavating and backfilling trenches within building lines.
 7. Excavating and backfilling for underground utilities and appurtenances outside building lines.

1.2 PROJECT CONDITIONS

- A. Existing Utilities: Do not interrupt existing utilities serving facilities occupied by the University except when permitted in writing by the University and then only after acceptable temporary utility services have been provided.
1. Provide a minimum 48-hours' notice to the University and receive written notice to proceed before interrupting any utility.
- B. Groundwater elevations that may be indicated are those existing at the time that subsurface investigations were made and do not necessarily represent groundwater elevations at the time of construction. Groundwater is usually present on campus and de-watering shall be the Design/Builder's responsibility.

PART 2 - PRODUCTS

2.1 SOIL MATERIALS

- A. General: Provide approved borrow soil materials from off-site when sufficient approved by the campus Geotechnical Consultant. The University shall only be responsible for testing up to 4 fill-borrow sites. Costs for testing in excess of 4 fill-borrow sites or testing blended materials to maintain acceptable levels of expansive material shall be the responsibility of the Design/Builder.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by earthwork operations.
- B. Provide erosion control measures to prevent erosion or displacement of soils and discharge of soil-bearing water runoff or airborne dust to site storm drain system, adjacent properties and walkways.
- C. Explosives shall not be used unless approved by the University.

3.2 PAVEMENT MAINTENENCE

- A. Repair or patch asphalt and concrete pavement as specified in Division 2 Section "Hot-Mix Asphalt Paving". Do not repair pavement until trench has been backfilled and compacted

as herein specified. Provide a temporary road surface of gravel over the backfill portion until permanent pavement is repaired. Remove and dispose of temporary road surface material when permanent pavement is placed. As a minimum, maintain one-way traffic on roads and streets crossed by trenches.

- B. Street sweeping of all on and off-campus roads shall be the responsibility of the Design/Builder. Street sweeping shall be continuous during grading material import and export operations.

3.3 DISPOSAL OF SURPLUS AND WASTE MATERIALS

- A. Remove un-satisfactory surplus soil and waste material, including unsatisfactory soil, trash, and debris, and legally dispose of it off the University's property.

END OF SECTION