

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

CONSTRUCTION SPECIFICATION

CS-12: "EXCAVATION, ROCK"

12.1 SCOPE

The work shall consist of all rock excavations to the lines and grades as shown on the drawings.

12.2 CLASSIFICATION

Rock excavation applies to all dense, compacted or cemented materials requiring removal by equipment for material requiring blasting of boulders and/or loose rock of 1 cu. yd. or larger.

12.3 SAFETY LAWS

The owner and/or contractor is responsible for compliance to all Washington State and local safety laws, ordinances and regulations applicable for excavation and blasting.

12.4 USE OF EXCAVATED MATERIALS

Excavated material that conforms to the fill requirements, as stated in the plan and approved by the technical representative may be used to the extent needed.

12.5 DISPOSAL OF WASTE MATERIAL

All surplus or waste material shall be disposed of in areas shown on the drawings or as approved by the landowner and the technical representative in accordance with all local, state and federal regulations. The site shall be left in a neat, sightly condition, free of depressions and sloped to drain.

12.6 BRACING AND SHORING

Unstable excavated surfaces and/or other excavations as defined by state law shall be supported to prevent soil movement.

12.7 STRUCTURE AND TRENCH EXCAVATION

Structure or trench excavations shall be approved by the technical representative before the placement of any structure or earthfill.

12.8 EXCAVATION OF BARROW MATERIAL

All borrow sites shall be left in a final condition with stable side slopes, removal of hazards, sloped to drain, free of depressions and other unsightly conditions. If specified in the plan, borrow areas and haul roads shall be fertilized and seeded.

12.9 BLASTING

The transportation, handling, storage, and use of explosives shall be by a person of proven experience and ability in blasting operations in accordance with state laws.

Blasting shall be done in such a way as to prevent damage to the work or unnecessary fracturing of the foundation.

12.10 OVER-EXCAVATED AREAS

All areas over-excavated areas shall be brought up to design elevation with compacted fill using NRCS Construction CS-14 or CS-15 as approved by the technical representative.