

## CONCRETE MATERIALS

### 6. Portland Cement

a. Portland cement shall be of American manufacture and shall conform to the "Standard Specifications for Portland Cement" (Serial Designation C9-30) of the American Society for Testing Materials.

### 7. Concrete Aggregates

a. Concrete Aggregates shall consist of natural sands and gravels, crushed stone, blast furnace slag, or other approved inert materials having clean, uncoated particles of strong and durable minerals. Aggregates shall meet the requirements of the Tentative Specifications for Concrete Aggregates of the A.S.T.M. (Designation C33-30T)

b. Size. Coarse aggregates shall range in size from one quarter ( $1/4$ ) inch to the maximum size used but shall not exceed 1 inch in diameter. Fine aggregate shall range in size from fine to coarse within the limits indicated below, percentage by weight:

Passing through No. 4 sieve.....	100%
Passing through No. 50 sieve (Not more than	30%
(Not less than	10%
Passing through No. 100 sieve,	
when screened dry .....	Not more than 5%
Volume removed by sedimenta-	
tion .....	Not more than 3%

### 8. Water

a. The water used in mixing concrete shall be clean, and free from acids, alkalies, excessive salts, oil or organic materials.

## DIMENSIONS AND DETAILS OF CONSTRUCTION

### 9. Design

a. The construction of the courts shall conform to the shape, lines and dimensions as called for on the plans. Where the specifications and the plans conflict, the specifications shall be taken as the authority.

b. Slope. One court. The court shall be given a slope of three (3) inches from one side to the other.

c. Slope. Two Courts. Each court shall be given a slope of three (3) inches, from the longitudinal expansion joint between the two courts, to the outside of each court.