

PART 1 - GENERAL

1.1 DESCRIPTION

- .1 This section specifies supply, placement and compaction of rock and gravel fill as indicated.

1.2 RELATED SECTIONS

- .1 Section 31 37 10 - Rip-Rap.

1.3 MEASUREMENT  
FOR PAYMENT

- .1 There is no measurement for payment for rock and gravel fill. Include all costs associated with the supply and placement in the Lump Sum bid.

PART 2 - PRODUCTS

2.1 ROCK FILL

- .1 Rock fill will be of hard, durable, evenly graded blasted stone having:
  - .1 Maximum diameter of 150 mm in major portion of rock fill
  - .2 Rock fill to be placed to 300 mm of finished grade.
  - .3 Material will contain no more than 6 percent by weight passing the 25 mm sieve. Rock fill to be evenly graded within the limits specified.
- .2 Use of shale rock or slate will not be permitted.

2.2 GRAVEL FILL

- .1 Gravel fill will consist of hard, durable, particles of stone mixed with suitable binding material. It shall be free from flat, elongated particles and shall be well graded. When tested by means of laboratory sieves it shall fulfill requirements as follows:

Sieve Size	% by Weight Passing
56 mm	100
16 mm	45-80
4.75 mm	25-55
1.25 mm	10-35
0.300 mm	5-15
0.075 mm	3-8

PART 3 - EXECUTION

3.1 PLACING ROCK FILL

- .1 Material will be placed uniformly across full cross-section in layers not exceeding 300 mm loose depth.
- .2 Use suitable earth moving and surface grading equipment to place and spread rock fill in continuous and uniform horizontal layers.
- .3 Compact rock fill after each 300 mm lift.
- .4 Place rock fill to 300 mm below bottom of finished grade.

3.2 PLACING GRAVEL FILL

- .1 Top 300 mm of fill will consist of gravel fill as specified in Clause 2.2.1 of this section.

3.3 SIDE SLOPES

- .1 All side slopes as indicated on drawings, or match existing adjacent slopes.

**END OF SECTION 31 23 25**