

SECTION 02061

SELECT AGGREGATE

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Select fill materials and procedures.

1.2 RELATED SECTIONS

A. Section 02324: Compaction

1.3 DEFINITIONS

A. Select fill: Aggregate materials meeting requirements of this Section.

1.4 QUALITY ASSURANCE

A. Remove products found defective after installation and install acceptable products at no additional cost to the Department.

PART 2 PRODUCTS

2.1 FREE DRAINING GRANULAR BACKFILL BORROW

A. Natural aggregate or crushed slag to meet the following gradation:

Table 1

Free Draining Granular Backfill Borrow Gradation	
Sieve Size	Percent Passing
1-1/2 inch	100
1 inch	95 to 100
1/2 inch	25 to 60
No. 4	0 to 10

2.2 UNDERDRAIN GRANULAR BACKFILL

A. Use the following gradations:

Table 2

Underdrain Granular Backfill Gradation		
Sieve Size	Type A Percent passing	Type B Percent passing
2-1/2 inches	100	
1-1/2 inch	80 - 100	100
1/2 inch	55 - 75	50 - 80
No. 4	30 - 60	30 - 65
No. 40	10 - 25	10 - 30
No. 200	0 - 3	0 - 3

PART 3 EXECUTION

3.1 INSTALLATION

- A. Underdrain: Refer to Section 02324.
1. Excavate a trench 3 inches below the underdrain pipe flow-line. Widen to 2 feet plus the outside diameter of the underdrain pipe.
 2. Place underdrain granular backfill in the trench and compact the bottom 3 inches with two passes of a vibratory roller.
 3. Back fill to 12 inches above top of pipe with underdrain granular backfill.
 4. Compact backfill material in 6 inch layers to a 96 percent density when placing the underdrain under a roadway.

END OF SECTION