

CRUSHER DUST

1 General

1.1 RELATED WORK

.1 Coordinate the requirements of this section with all other sections, including but not limited to:

.1 Section 01410 Testing Laboratory Services

.2 Section 02210 Rough Grading

.3 Section 02233 Granular Base

1.2 QUALITY CONTROL

.1 **City of Saskatoon, Parks Branch** to approve granular base construction for Work.

.1 Submit for crusher dust material before delivery to site:

.1 Name of supplier.

.2 One (1) litre sample of material.

1.3 INSPECTION

.1 Notify **Consultant** for inspection of surface layout before placement of crusher dust.

1.4 TESTING

.1 Crusher dust surface material is subject to Contractor submitting product information from Supplier or completion of a sieve analyses by an approved testing laboratory service.

2 Products

2.1 CRUSHER DUST

.1 Material requirements; sound, durable particles, free from clay, organic fines and other deleterious matter. Gradation within limits specified tested to ASTM C136. Sieve sizes to CAN/CGSB-8.1:

SIEVE	% PASSING BY WEIGHT
5 mm	100%
2.2 mm	63 - 73%
0.90 mm	40 - 50%
0.40 mm	25 - 35%
0.16 mm	13 - 21%
0.071 mm	8 - 14%

CRUSHER DUST

2.2 OTHER MATERIALS

- .1 Granular Base materials see Section 02233 - Granular Base

3 Execution

3.1 LAYOUT

- .1 Establish and maintain line and grade controls using appropriate survey personnel and equipment.
 - .1 Contractor is responsible for layout accuracy.
 - .2 Provide ample clearance on all sides for proper execution of the Work.
- .2 Establish the layout and depth of the crusher dust per drawings or specifications.
 - .1 Contractor is required to stake layout of crusher dust areas and obtain approval before placement start.

3.2 SUB GRADE PREPARATION

- .1 See Section 02210 - Rough Grading

3.3 GRANULAR BASE (for Heavy Duty Crusher Dust)

- .1 See Section 02233 - Granular Base

3.4 CRUSHER DUST

- .1 Place crusher dust course to compacted thickness.
 - .1 Supply and place in lifts not exceeding 100mm.
 - .2 Do not mix base course with underlying materials.
- .2 Add and mix water to obtain optimum water content, if required.
 - .1 Watering and rolling should be controlled to prevent pumping of fine material to surface.
- .3 Compact and adjust water content to meet the following requirements:
 - .1 Density test results minimum of 97 percent of the Standard Proctor Density.
 - .2 Water contents within the range of optimum water content plus or minus 1 percent.
- .4 Compact and shape the surface to the lines and grades specified.

CRUSHER DUST

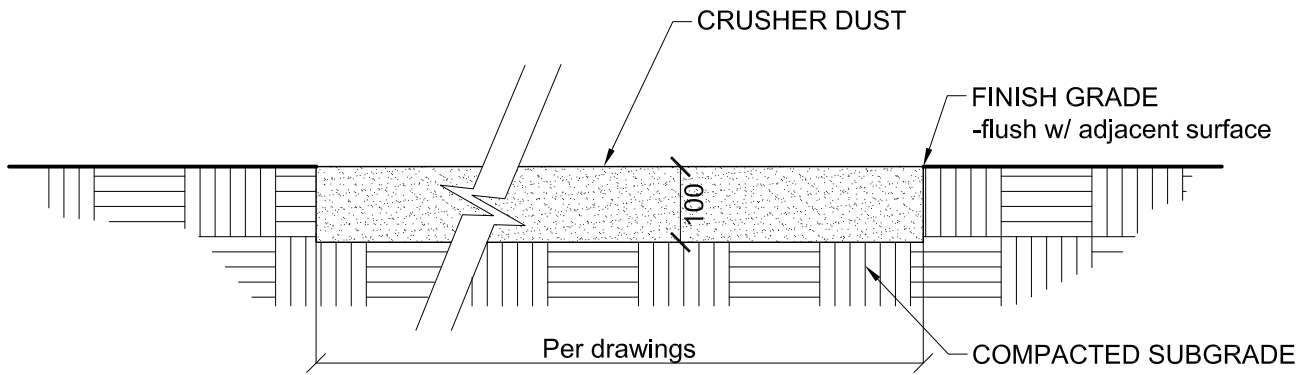
- .1 Completed, compacted, crusher dust surface must be free of ruts, irregularities and foreign material. Max. variation from design grades and adjacent finish grades is 15mm.
- .5 Protect crusher dust from topsoil contamination or other foreign material resulting from Work on adjacent areas.
 - .1 Remove contaminated crusher dust and replace as required.

3.5 CLEAN-UP

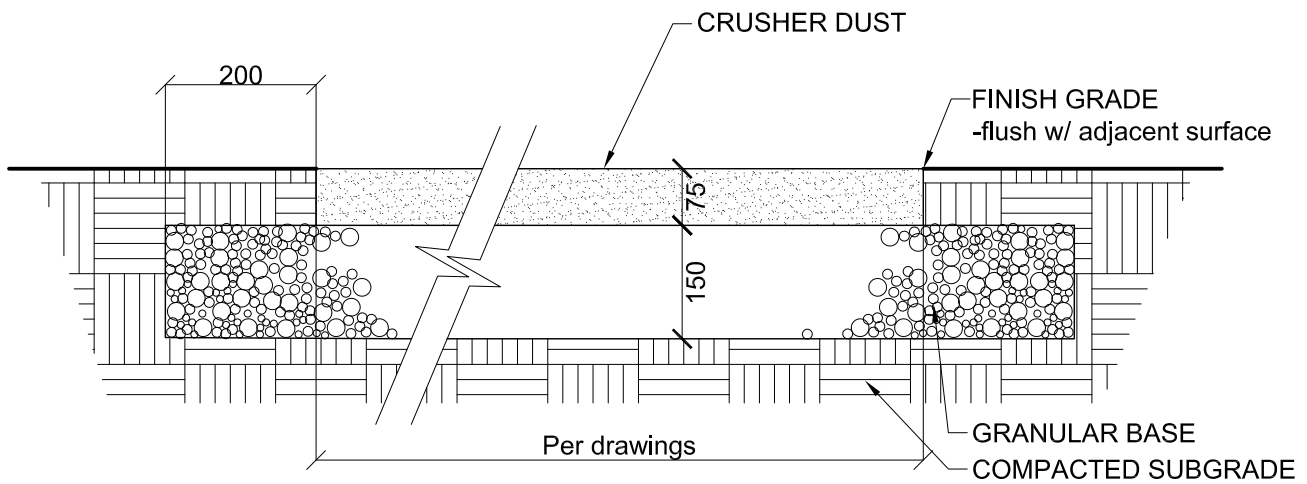
- .1 Clean adjacent walks and road surfaces at the end of each working day.

END OF SECTION

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CRUSHER DUST CONSTRUCTION



HEAVY DUTY CRUSHER DUST CONSTRUCTION

NOTE:

1. All units are in millimeters U.N.O.
2. Crusher dust surface to have 2% crossfall in the direction of surface drainage flow (refer to grading plan).
3. Crusher dust path to be 2400 wide with min.1500 radius at corners unless otherwise noted (refer to layout plan).