1.0 GENERAL

1.1 Related Work
1.1.1 Section 02210 - Site Grading - Rough

1.2 Samples
1.2.1 Submit samples in accordance with Section 01300 - Shop Drawings, Product Data, and Samples.
1.2.2 Submit partial sample of each type paving unit.

1.3 Measurement
1.3.1 Unit paving will be measured in square metres installed/units installed.

2.0 PRODUCTS

2.1 Materials
2.1.1 Concrete Block Pavers: Precast, uniform in material, colour, size and from one manufacturer. Acceptable product: Cindercrete #201 patio slabs 24” x 24” x 2” and 24” x 30” x 2” size as indicated on plan.
2.1.2 Precast concrete paver: surface plain.
   Colour: Natural
2.1.3 Crushed stone or gravel: hard, durable, angular particles, free from clay lumps, cementation, organic material, frozen material and other deleterious materials.
   .1 Gradations: within limits specified when tested to ASTM C136-84a and ASTM C117-84.

<table>
<thead>
<tr>
<th>ASTM SIEVE DESIGNATION</th>
<th>PERCENT PASSING</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 mm</td>
<td>100</td>
</tr>
<tr>
<td>12.5 mm</td>
<td>70 - 100</td>
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<tr>
<td>4.75 mm</td>
<td>40 – 70</td>
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<tr>
<td>2.00 mm</td>
<td>23 – 50</td>
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<tr>
<td>0.425 mm</td>
<td>7 - 25</td>
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<tr>
<td>0.075 mm</td>
<td>3 - 8</td>
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</tbody>
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2.1.4 Sand: to CSA A82,56-M 1976, hard, durable, angular particles, free from clay lumps, cementation, organic material, frozen material and other deleterious materials.

2.1.5 Edging: As indicated on drawings.

3.0 EXECUTION

3.1 Samples
3.1.1 Submit sample installation details, and product data in accordance with Section 01300.

3.2 Subgrade
3.2.1 Ensure that subgrade preparation conforms to levels required to allow for installation of granular base.

3.3 Granular Base
3.3.1 Sub-base minimum thickness: 50 mm
3.3.2 Spread and compact crushed stone or gravel in uniform layers not exceeding 50 mm compacted thickness.
3.3.3 Compact to a density of not less than 98% maximum dry density in accordance with ASTM D 698-78.
3.3.4 Shape and roll alternately to obtain a smooth, even and uniformly compacted granular base and ensure conformity of grades with finished surface.
3.3.5 Apply water as necessary during compaction to obtain specified density. If granular base is excessively moist, aerate by scarifying with suitable equipment until moisture content is corrected.
3.3.6 In areas not accessible to rolling equipment, compact to specified density with approved mechanical tampers.
3.3.7 Ensure top of granular base does not exceed plus or minus 10 mm of finished grade, less the combined thickness of granular laying course and the surface course.

3.4 Edging
3.4.1 Install edging true to grade, in location, layout and pattern as indicated.

3.5 Surface Course
3.5.1 Ensure granular laying course is dry (4-8% moisture content) prior to placement of unit pavers.
3.5.2 Install precast concrete pavers true to grade, in location, layout and pattern as indicated.
3.5.3 Precast units shall not be cut unless specifically directed by Landscape Architect.
3.5.4 Precast concrete pavers to be:
   .1 Installed as per manufacturers recommendations.
   .2 Installed with butt joints.
   .3 Fill spaces between pavers by sweeping in crusher dust or sand where required.
   .4 Sweep surface course clean.