7.0 BLUESTONE KERBING

BLUESTONE INSTALLATION

Cutting:
Requirement: Perform the necessary cutting and shaping of stone to designated profiles including weathering, jointing, chasing, forming grooves and drilling for handling and fixing. Work the bed, face and back joints of the stone, square and true.

Visual Variations:
Requirement: If the quality control sample panels have a range of variation in colour, pattern, texture or surface finish, distribute the production panels throughout the work so that local concentrations of similar variations do not occur.

Bedding:
Requirements: Remove dust and foreign material from the bedding surface. If necessary adjust the moisture content of the stone unit so that adverse effects, such as reduced bond, are kept within acceptable limits. Where possible, bed and joint the stone in one operation. Lay each stone on a full bed of mortar. Solidly fill and grout vertical joints, joggles and joggles and cramps as the work proceeds. Point up joints around flashing as necessary.

Temporary support:
General: Provide support as necessary to the stone while the mortar is curing, using bracing, joint spacers, or both.

Bracing and joint spacers: Non-damaging and non staining softwood wedges or laths soaked in water. Do not allow metal pinch bars to bear directly on the stone.

Bonding:
Requirement: Bond the masonry as required, and as necessary to provide stability and monolithic structural action to the stonework assembly.

Laying stone kerbing:
Preparation: The underside of the bluestone shall be coated with a cement slurry.

Cutting: The Contractor shall allow for all cutting of bluestone kerbing with an approved diamond saw.

Placing: After the required drying time has expired, the bluestone kerbing shall be laid with the bevel face as the finished surface and set in the cement mortar mix while it is still freely workable. The coloured cement mortar mix shall be grouted into the gaps, raked to a depth of 2mm below the surface level then ironed. Failure to lay the slabs in the mortar while it is still workable and manageable shall result in the entire condemnation and removal of the paving and the cement mortar base.

Tolerances in kerbing: Finished surfaces shall be uniform and even, conforming to the following tolerances:
- Departure from design level: Not more than 5mm
- Lipping of adjacent units: Not more than 1mm
- Departure from a 2 metre long straight edge placed longitudinally to the kerbing: Shall not exceed 2mm

Cleaning: After creating a uniform, evenly graded surface, the slabs shall then be cleanly washed, and pedestrian traffic prevented from access over the kerbing for at least 24 hours, or as otherwise directed.

JOINTING & POINTING BLUESTONE

General:
Requirement: Carry out jointing and pointing simultaneously to form a homogeneous bed.

Joints:
Size (mm): 5mm

Jointing material between bluestone: coloured mortar, as previously specified.

Isolation joints:
Joints around vertical abutments: 10mm thick ABELFLEX closed cell polyethylene