Mix concrete until all materials are uniformly dispersed and every particle of aggregate is coated with mortar. Place concrete into final position by conveyor, skip, chute or shovelling within 90 minutes of the cement placed into the mixer, so segregation and loss of fluids does not occur.

Once placed concrete must be fully compacted by mechanical vibrator. Vibrators shall be withdrawn from the concrete slowly at a speed not exceeding 25mm per second so that the void created by the vibrator closes behind it. Care shall be taken that vibrators be kept out of contact with reinforcement and formwork. Concrete shall be cured for seven days by covering with an approved sealed waterproof membrane kept in contact with the concrete which is kept moist at all times.

9.2 Granite Paving

The granite paving to be used is called Austral Verde. Finish to be exfoliated. Stone type to be confirmed by Geological Survey of Western Australia as being the correct stone type. The applicant shall be liable for any additional costs associated with allowing for the correct stone type.

Supplier code: DC103.01 (supplier list 10.30)

For details of laying pavers and correct paving unit size refer the details in the St Georges Tce Design and Construction Notes.

9.3 Adhesive

Prior to application: Remove sand, oils and deleterious products from surface of concrete with the use of brooms and pressure washer. Check line level and set out as per existing pattern. Paving pellets set within area prior to laying.

Adhesive to be: Parex Davco SE7 with 50/50 Davelastic mix with water, or approved equivalent. Apply as per manufacturers specification.

9.4 Laying Pavement

Cleaning stonework: Clean stonework progressively as the work proceeds. Clean stonework to remove mortar smears, stains and discolouration. Do not use acid as this will discolour the stone material, but use an approved method using clean water only. Provide details for approval prior to commencing stonework.

Laying tolerances: Laying of stone shall be carried out to the following tolerances:
- Deviation from the levels or vertical plane indicated: ± 3mm
- Deviation of paving and stone walls over a 3 metre straight edge: ± 3mm, non-accumulative

Maximum deviation across joints: 2mm

Bedding: If the concrete substrate has inadequate key for mortar bedding, such as steel trowel finish, do not lay bed until the surface has been adequately roughened by mechanical means; such as scabbling.

Stone Placement:
- Wipe clean surface of stone
- Set line and level
- Mix adhesive as per manufacturers recommendations
- Trowel out adhesive to 10mm across a 2 metre square area
- Lay and set level of paver to tolerance
- Allow adhesive to cure
- Treat top surface with pre-sealant

9.5 Pre-sealant (Prior to Grouting)

Prior to application: Allow adhesive appropriate time to cure. Clean stonework to remove mortar smears, stains and discolouration. Do not use acid as this will discoulour the stone material, but use an approved method using clean water only.

Apply one coat of Spirit Marble and Tile Care "Pre Seal" as per manufacturers specification.