# ITP0006 – Pavement Type 3 PT03 CONCRETE PAVEMENT DETAIL

### SUBGRADE

| **INSPECTION DETAILS** | | | **ACCEPTANCE DETAILS** | | | **VERIFICATION** | **APPIA** | | **CLIENT** | | **OTHER PARTY** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ITEM** | **METHOD** | **REFERENCE** | | **CRITERIA** | **VALUE** | **RESULT** | **KEY** | **SIGN OFF** | **KEY** | **SIGN OFF** | **KEY** | **SIGN OFF** |
| * 1. Test roll subgrade | T | KAPITOL | | Subgrade to withstand test rolling NA according to S.D.X10 |  |  | W |  | W |  | N/A |  |
| * 1. Testing of subgrade level | T | S.D.X10 | | Subgrade Compaction NA according to S.D.X.10 | NA |  | W |  | W |  | N/A |  |
| Subgrade material – crushed rock / clay |  |
| * 1. Level of sub-grade | M | S.D.X10 | | Earthworks shall be finished to conform to the levels, lines, grades and cross-sections specified or shown on the drawings | - | - | W |  | S |  | N/A |  |
| Width: ± 50mm from right angles to the design line. | {Value} |  |
| Level: mean deviation from design no more than +15 to -30mm, max. below the specified level | {Value} |  |
| Thickness: Not more than 15mm less than the specified thickness. | {Value} |  |
| Shape: No point on the surface of the pavement layer shall vary by more than 8mm from a 3m straight edge or 10mm from a 6m straight edge. | {Value} |  |

### BASE LAYER

| **INSPECTION DETAILS** | | | **ACCEPTANCE DETAILS** | | | **VERIFICATION** | **APPIA** | | **CLIENT** | | **OTHER PARTY** | |
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| **ITEM** | **METHOD** | **REFERENCE** | | **CRITERIA** | **VALUE** | **RESULT** | **KEY** | **SIGN OFF** | **KEY** | **SIGN OFF** | **KEY** | **SIGN OFF** |
| * 1. Compaction | T | S.D.X10 | | No compaction testing required for subgrade according to S.D.X10 | NA |  | W |  | S |  | N/A |  |
|  | |  |  |  |
| * 1. Conformity with drawings - | V | S.D.X10 | | Material: 75MM THICK CLASS 3 20MM FINE CRUSHED CONCRETE RECYCLED | 75MM THICK CLASS 3 20MM FINE CRUSHED ROCK |  | W |  | S |  | N/A |  |
| Thickness: Not more or less than the specified thickness. 75MM | 75MM |  |
| Width: +/- 50mm from right angles to the design line. | {Value} |  |
| Level: Mean deviation from design no more than +6 to -10mm, max. standard deviation 10. | {Value} |  |
| Shape: No point on the surface of the pavement layer shall vary by more than 8mm from a 3m straight edge or 10mm from a 6m straight edge. | {Value} |  |

### Concrete LAYER

| **INSPECTION DETAILS** | | | **ACCEPTANCE DETAILS** | | | **VERIFICATION** | **APPIA** | | **CLIENT** | | **OTHER PARTY** | |
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| **ITEM** | **METHOD** | **REFERENCE** | | **CRITERIA** | **VALUE** | **RESULT** | **KEY** | **SIGN OFF** | **KEY** | **SIGN OFF** | **KEY** | **SIGN OFF** |
| * 1. Concrete Pour | T | S.D.X10 | | Concrete pour 32Mpa 14mm aggregate 80mm slump – 100mm thick, with dowelled expansion joints every 12 meter max centres. Saw cut / tools joints every 1.5 max centres each way.  No Colour oxide as specified by council inspection team to best match environment and existing local infrastructure |  |  | W |  | S |  | N/A |  |

#### REINFORCEMENT

| **INSPECTION DETAILS** | | | **ACCEPTANCE DETAILS** | | | **VERIFICATION** | **APPIA** | | **CLIENT** | | **OTHER PARTY** | |
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| **ITEM** | **METHOD** | **REFERENCE** | | **CRITERIA** | **VALUE** | **RESULT** | **KEY** | **SIGN OFF** | **KEY** | **SIGN OFF** | **KEY** | **SIGN OFF** |
| * 1. Nominal cover of 50mm unless noted otherwise | V | S.D.X10 | | Check cover requirements as per IFC drawings & concrete specification document. | {Value} |  | S |  | W |  | N/A |  |
| * 1. Size, spacing & location | V | S.D.X10 | | SL62 central | {Value} |  | S |  | W |  | N/A |  |
| * 1. Rigidity |  | S.D.X10 | | Reinforcement is adequately tied to prevent movement during pouring. Fixing to be as per standard. | {Value} |  | S |  | W |  | N/A |  |
| * 1. Visual check |  | S.D.X10 | | Reinforcement as per IFC drawings | {Value} |  | S |  | W |  | N/A |  |
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#### Concrete properties

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **CONCRETE PROPERTIE**s | | | | | | | |
| Concrete mix: | | | | | Supplier: | | |
| Testing required to AS1379. YES  NO  N/A | | | Concrete specification document: | | | | |
| Mix Design Approved: ES  NO  N/A | | Approved By: | | | | Date: | |
| Method of Pour: | Line Pump | Boom Pump | | Kibble | | Chute | Tremie |

### FINAL SIGN OFF

|  |  |  |  |  |  |  |  |
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| **PERSON** | **NAME:** | **SIGNATURE:** | **DATE:** | **PERSON** | **NAME:** | **SIGNATURE:** | **DATE:** |
| Appia Foreman | {Name} |  | Click or tap to enter a date. | Client Rep. | {Name} |  | Click or tap to enter a date. |
| Appia Engineer | {Name} |  | Click or tap to enter a date. | Other Party  {Company} | {Name} |  | Click or tap to enter a date. |

#### Post pour

| **INSPECTION DETAILS** | | | **ACCEPTANCE DETAILS** | | | **VERIFICATION** | **APPIA** | | **CLIENT** | | **OTHER PARTY** | |
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| **ITEM** | **METHOD** | **REFERENCE** | | **CRITERIA** | **VALUE** | **RESULT** | **KEY** | **SIGN OFF** | **KEY** | **SIGN OFF** | **KEY** | **SIGN OFF** |
| * 1. Curing | V | {Dwg. Number} | | Curing carried out as per IFC drawings / concrete specification | {Value} |  | S |  | W |  | N/A |  |
| * 1. Formwork stripped | V | {Dwg. Number} | | Formwork stripped in accordance with specified times on IFC drawings / specifications | {Value} |  | S |  | W |  | N/A |  |
| * 1. Surface defect repair | V |  | | Repair grout to be higher strength than substrate concrete | {Value} |  | S |  | W |  | N/A |  |
| * 1. All areas are clean from slurry | V |  | | Surfaces to be cleaned after pour if required | {Value} |  | S |  | W |  | N/A |  |