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| **Abbreviations** | | | | | | | |
| Third Party | TP | RSA Contractors | RSA | Nominated Project Personnel | NPP | Principle Contractor | PC |
| Surveyor | SUR | RPEQ | RPEQ | Supervisor | SUP | Inspect | INS |
| Test | TST | Project Engineer | PE | Witness Point | WP | Hold Point | HP |
| Visual | VIS | Check | CHK | Written | WRI | Monitor | M |
| Milestone | MST | Review | R |  |  |  |  |
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| **Inspection and Test Plan Details** | | | | | | | **Contractor** | | | **Client** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item** | **Inspection Activity** | **Work By** | **Standard / Spec** | **Criteria** | **Frequency** | **Record** | **Resp** | **Type** | **Signoff** | **Resp** | **Type** | **Signoff** |
| 01 | Lot Identification | Contractor | Technical Specification | Location of works identified as per IFC drawings | 1/Lot | ITP Verification Checklist/Lot drawing | RSA | CHK |  | Senex | CHK |  |
| **Temporary Sediment and Erosion Control** | | | | | | | | | | | | |
| 02 | Clear identification and demarcation of ‘no go zones’ (where required) | Contractor | Technical Specification | Remove vegetation and disturb soil only in those areas approved for construction work to occur | 1/Lot | ITP Verification Checklist | RSA | CHK |  | Senex | CHK |  |
| 03 | Installation of temporary sediment and erosion control devices | Contractor | Technical Specification | Construction of earth bunds  Installation of coir logs and Silt Fence  Excavation of sediment catch sumps  . | 1/Lot | ITP Verification Checklist | RSA | HP |  | Senex | HP |  |
| 04 | Sediment and erosion control device ongoing inspections | Contractor | Technical Specification | Inspection of sediment and erosion control devices completed to be completed at the below frequencies  Rain: >50mm in on day or >100mm over 4 days  Prior to shift breaks | Ongoing | Environmental Routine Checklist | RSA | WP |  | Senex | WP |  |
| **Permanent Sediment and Erosion Control – Rip Rap (Rock Protection)** | | | | | | | | | | | | |
| 05 | Underlying Lot conformance - Subgrade | Contractor | Technical Specification | The Superintendent must have a visual inspection of the subgrade, prior to the placement of the Separation Geotextile. | 1/Lot | ITP Verification Checklist | RSA | HP |  | Senex | HP |  |
| 06 | Conformance Separation Geotextile Material | Contractor | Technical Specification | The Contractor shall supply the Superintendent with manufacturer Quality Control (MQC) data  Certificates. | 1/Lot | ITP Verification Checklist | RSA | HP |  | Senex | HP |  |
| 07 | Conformance Rip Rap | Contractor | Technical Specification | The Contractor shall supply the Superintendent with manufacturer Quality Control (MQC) data  certificates. | 1/Lot | ITP Verification Checklist | RSA | HP |  | Senex | HP |  |
| 08 | Separation geotextile placement | Contractor | Technical Specification | Installation method comply with the requirements of the technical specification and the IFC drawings.  Laps to geotextiles shall be a minimum 0.6m  The Superintendent shall inspect the placement of Geotextile for conformance with this Technical Specification prior to placement of overlying layers. | 1/Lot | ITP Verification Checklist | RSA | HP |  | Senex | HP |  |
| 09 | Rip Rap Placement | Contractor | Technical Specification | A Safe Work Method Statement for the placement of Rip Rap shall be provided to superintendent.   * 1. Rip rap to be placed by excavator over the separation geotextile.   2. Rock finished smoothed to the final lines and levels. | 1/Lot | ITP Verification Checklist | RSA | CHK |  | Senex | HP |  |

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| 10 | Acceptance of works (Rip rap) | Contractor | Technical Specification | The Superintendent must approve the finish surface and underlying separation geotextile installation of the Rip Rap prior to completion of works. | 1/Lot | ITP Verification Checklist / MDR | RSA | CHK |  | Senex | HP |  |
| **Permanent Sediment and Erosion Control – RCP and Headwall** | | | | | | | | | | | | |
| 11 | RCP Installation | Contractor | Technical Specification | Excavation to design invert levels allowing for 100-250mm bedding sand (or equivalent)  600 Rubber ring joint Class 4 RCP installed with barrels laid straight free from damage.  Sand (or equivalent) haunching and overlay to approximately 150mm above pipe | 1/Lot | ITP Verification Checklist | RSA | CHK |  | Senex | CHK |  |
| 12 | Backfilling | Contractor | Technical Specification | Trench backfilled and tested in line with requirements for Fill  96% +/-2% moisture | Min 2 test per Lot | Test Reports | RSA | CHK |  | Senex | CHK |  |
| 13 | Headwall | Contractor | Technical Specification | 2 x 600DN Headwalls installed on 100-250mm sand bedding to required invert levels  Headwall installed flush with RCP pipe and grouted neat. | 1/Lot | ITP Verification Checklist | RSA | CHK |  | Senex | CHK |  |
| 14 | Acceptance of works (RCP and Headwalls) | Contractor | Technical Specification | Conformance certificates supplied by manufacturer  All required test reports provided to client  As-constructed survey data obtained | 1/Lot | ITP Verification Checklist / MDR | RSA | CHK |  | Senex | HP |  |
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**Built in accordance with this document:** Signed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Position \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_

**Test results received. Lot conforms to Specification:** Signed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Position\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Document Status** | | | | | | |
| **Revision Status** | **Responsible Person** | Signed | | **Dated** | **Revision** |
| **Draft By:** | Madhu Achana | |  |  |  |
| **Reviewed By:** |  | |  |  |  |
| **Submitted By:** |  | |  |  |  |
| **Approved By:** |  | |  |  |  |