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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 |  |  |  |  |
|  |  |  |  |  |  |  |  |

| **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 in accordance with project technical specification | 1/Lot | ITP Verification Checklist/Lot Map | RSA | CHK |  | Senex | CHK |  |
| 02 | **Underlying Lot Conforms** | Contractor | Technical Specification | Foundation preparation works completed in underlying lot. | 1/Lot | ITP Verification Checklist/Lot Map | RSA | CHK |  | Senex | CHK |  |
| 03 | **General Fill Material Requirement** | Contractor | Technical Specification | **Grading Requirements**  75mm sieve –100% passing  19mm Sieve - 70 to 100% passing  2.36mm sieve - 30 to 100 % passing  0.075mm Sieve –15-90% passing  **Indicator requirements**  Plasticity Index – 10 to 40%  Liquid Limit – 20 to 60%  Emerson Class 2 (minimum)  Organic content 2% (maximum) | 1/Lot | Laboratory test Certificate | RSA | WP |  | Senex | WP |  |
| 03 | **Fill placement** | Contractor | Technical Specification | **General Fill**  Placed in continuous, approximately horizontal layers for the full width of the area, having a compacted thickness of not more than 300 mm or less than 75 mm. If the surface of any layer is smooth, it must be scarified to a depth of approximately 30 to 50 mm prior to the placement of the next layer.  **≥ 96 %** standard MDD.  NOTE: **≥ 98%** standard MDD for **the Earthen Ring Beam** General Fill Section.  -**2% to +2% of OMC** | Each Lot | ITP Verification Checklist/Lot Map  Laboratory test Certificate | RSA | WP |  | Senex | WP |  |
| 04 | **Testing** | Contractor | Technical Specification | **General Fill**  SDDR – 3 per 2500m3  PSD – 2 per 2500m3  Atterberg – 2 per 2500m3  Emerson – 2 per 2500m3  **General fill – Earth Ring Beam**  SDDR – 1 every 50 m(lineal) | 1/Lot | Laboratory test Certificate | RSA | HP |  | Senex | WP |  |
| 05 | **Survey** | Contractor | Technical Specification | RSA shall submit 50%, 100% tank pad foundation fill placement completion survey to the superintendent within 48 hours of each milestone achievement | 1/Lot | ITP Verification Checklist/Lot Map | RSA | HP |  | Senex | HP |  |

**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** | | | | | | |
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| **Draft By:** | Madhu Achana | |  |  |  |
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