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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 | **Compaction Trial** | Contractor | | Technical Specification | Compaction trial for general fill will be completed and approved by the client | | 1/project | | ITP Verification Checklist/Lot Map | RSA | CHK |  | Senex | CHK |  |
| 03 | **Foundation Preparation** | Contractor | | Technical Specification | Foundation preparation of Lot will be visually inspected for material type, moisture and organic material prior to foundation preparation works. | | 1/Lot | | ITP Verification Checklist/Lot Map | RSA | VIS |  | Senex | VIS |  |
| 04 | **Foundation Preparation – Proof Rolling** | Contractor | | Technical Specification | Subgrade shall be Proof Rolled in accordance with Queensland Department of Main Roads Technical Specification (MRTS) 04 General Earthworks Section 18.3.2 or similar method as approved by the Superintendent while in the presence of the Client.  Areas of subgrade identified by the superintendent as unsuitable material shall be excavated and replaced with material conforming to the requirements of the overlying fill zone | | 1/Lot | | ITP Verification Checklist/Lot Map | RSA | WP |  | Senex | WP |  |
| 05 | **Foundation Preparation – Ground Surface Treatment** | Contractor | | Technical Specification | Scarify minimum 150mm, moisture condition and compact.  The Superintend shall inspect the subgrade for conformance with the specification prior to placement of overlying fill. | | 1/Lot | | ITP Verification Checklist/Lot Map | RSA | HP |  | Senex | HP |  |
| 06 | **Foundation Preparation – Smooth drum rolling of material** | Contractor | | Technical Specification | Prior to the placemat of construction materials, the subgrade shall be rolled using a smooth drum roller to form a hard-smooth surface and approved by the superintendent | | 1/Lot | | ITP Verification Checklist/Lot Map | RSA | HP |  | Senex | HP |  |
| 07 | **Ground Surface Treatment Testing** | Contractor | | Technical Specification | The foundation surface level shall be scarified, watered and compacted to a density ratio of no less than 96% of standard MDD and -+2 % of OMC | | 1/2500m3 | | NATA certificate | RSA | HP |  | Senex | HP |  |
| 08 | **As built Survey** | Contractor | | Technical Specification | Finished levels checked for Vertical and horizontal tolerances as required. | | 1/Lot | | Survey as Built | RSA | HP |  | Senex | HP |  |
|  |  |  | |  |  | |  | |  |  |  |  |  |  |  |
| **Test Details** | | | | | **Normal Testing Level** | | | | | **Required Result(s)** | | | | | |
| **Item** | **Test** | | **Description** | | **Max Lot Size** | **Min Test Frequency** | | **Min No of tests** | | **Criteria** | | | | | |
| 01 | AS 1289 5.1.1 | | Standard Moisture Content, Dry density ratio | |  | 1/2500m2 | |  | | -2% dry to +2% wet OMC SDDR 96% | | | | | |

**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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