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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 | **Site Clearing** | Contractor | Technical Specification | All vegetation, roots, topsoil removed | 1/Lot | ITP Verification | RSA | CHK |  | ACC | CHK |  |
| 02 | **Foundation Stripping** | Contractor | Technical Specification | Strip to firm, undisturbed soil (no organics) | 1/project | ITP Verification Checklist/Lot Map | RSA | CHK |  | ACC | CHK |  |
| 03 | **Soft Spot Removal** | Contractor | Technical Specification | Soft areas removed and backfilled with clay | 1/Lot | ITP Verification Checklist/Lot Map | RSA | VIS |  | ACC | VIS |  |
| 04 | **Cutoff Trench Excavation** | Contractor | Technical Specification | Depth to clay/impervious layer achieved  Excavate down to clay or impervious layer (depth: 1–3 m typical). | 1/Lot | ITP Verification Checklist/Lot Map | RSA | WP |  | ACC | WP |  |
| 05 | **Cutoff Backfill Placement** | Contractor | Technical Specification | Clay placed in 150–200 mm layers, OMC ±2% | 1/Lot | ITP Verification Checklist/Lot Map | RSA | WP |  | ACC | WP |  |
| 06 | **Compaction Testing** | Contractor | Technical Specification | The foundation surface level shall be scarified, watered and compacted to a density ratio of no less than 96% | 1/Lot | Testing | RSA | WP |  | ACC | WP |  |
| 07 | **Proof Rolling** | 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 | 1/2500m2 | NATA certificate | RSA | HP |  | ACC | HP |  |
| 08 | **Foundation Approval** | Contractor | Technical Specification | Engineer sign-off prior to embankment fill | 1/Lot | Survey as Built | RSA | HP |  | ACC | HP |  |
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| **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 | Hilf Dry density ratio, Moisture Content |  |  |  | -2% dry to +2% wet OMC DDR 96% |

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| **Contractor Construction**  **Manager:** |  |  |  |
| (Print Name) | (Signature) | (Date) |
| **Client Superintendent:** |  |  |  |
| (Print Name) | (Signature) | (Date) |

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