| **Item**  **No.** | **Task/Activity Description** | **Inspection/Test** | | | | | | | | **Type** | **Responsibility** | **Checked/Verified by (initial/Date):** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Frequency** | | | **Acceptance Criteria** | | **Reference Documents** | **Inspection/ Test Method** | **Record of conformity** | **TfNSW** | **Fulton Hogan** | **PV** | **Date** |
| **1** | **Preliminary** | | | | | | | | | | | | | | |
| 2 | Set out the works | Each Section | Establish Pegs (or equivalent) to identify the extend of filling | | | | Design DWGs  Survey Management Plan |  | Verification Checklist | IP | Surveyor |  |  |  |  |
| 3 | Verify conformance of select fill material | As required | Imported Select Fill Material:  CBR15 | | | | Design Plans | Veritifcation | ITP, Material spec report | IP | Site Engineer |  |  |  |  |
| 4 | **Construction** | | | | | | | | | | | | | | |
| 5 | Place, spread fill material (parallel to the grade), compact and test to specified densities | Per Lot, Q6/L3.1 | * 95% Std compaction * Minimum layer thickness after compaction ≥ 100mm * Maximum layer thickness after compaction <= 150mm unless otherwise approved * Ensure insitu sampling and testing for compaction conformity is undertaken in accordance with TfNSW Q6 Annexure L | | | | R44.5.1.3  R44.5.2.2  R44.7.2  R44.7.3  R44.7.4  R44/A5 | T166 | Test Report | TP | Site Engineer |  |  |  |  |
| 6 | For hill side embankment foundation, terrace 1m wide of the hill side of embankment and ensure its free draining | Per Lot | Minimum Step Depth | | | Slope | R44.3.3  Fig R44.4 |  | Verification Checklist | IP | Site Engineer |  |  |  |  |
| 600mm | | | > 4H:1V |
| 300mm | | | < 4H:1V |
| Terraces not required on slopes < 10H:1V | | | |
| 7 | Conduct Deflection Testing – Proof rolling Method within 1.5m underside of SMZ | Per Lot | | * Must not exhibit deformation, yielding and/or show signs of distress or instability. * All embankment layers and other surface within 1.5m of underside of SMZ * With refer to RFI 436: Clause 3, Note B on T198 states that other equipment may be used,  1. Benkelman Beam truck (as per T160) 2. Loaded bogie truck 3. 12M Grader (or larger 4. 12t Roller (or larger) | | | R44.7.6.1 | T198 | Witness Point | WP | Site Engineer |  | WP |  |  |

**Legend:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **HP** | Hold Point | Work shall not proceed past the HP until released by the Project Verifier | **IP** | Inspection point | Formal Inspection to be done and recorded |
| **HP\*** | FH Hold Point | Work shall not proceed past the HP\* until released by Fulton Hogan | **TP** | Test Point | Product compliance test to be undertaken and recorded/reported |
| **WP** | Witness Point | An inspection which must be witnessed by the Project Verifier | **SU** | Survey conformance point | A qualified surveyor to check product/section/structure and report |
| **AP** | Approval Point | Written or verbal approval given by the Project Verifier | **SC** | Survey Check | |

|  |  |
| --- | --- |
| **Notes** |  |