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| ITP | **ACTIVITY** | | **INSPECTED** | | | **REMARKS** |
|  |  | | **RESPONSIBLE** | **INITIAL** | **DATE** |  |
| 1.0 | **PRELIMINARIES – PROJECT MANAGER RESPONSIBILITY** | |  |  |  |  |
| 1.1 | **Possession of Site** | | RCC |  |  | **Date of possession:** |
| 1.2 | **Dial Before You Dig (DBYD) and Permit to Excavate completed and signed onto by personnel** | | RCC |  |  |  |
| 1.3 | **Confirmation of Scope and Extent of Works** with Project Team, including RCC, S28 and TSC | | RCC /S28 & Pinnacle |  |  | **Consultant Engineering / TSC Approval / Direction:** |
| 1.4 | **Testing required for the scope:**  Concrete testing Density Testing  Gravel Testing Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | RCC |  |  |  |
| 1.5 | **Traffic Control – TGS approved and appropriately selected for the works** | | RCC |  |  | **TGS No.:** |
| 1.6 | **Erosion and Sediment Control:**  Silt Boom Earth Bund /Sediment Fence  Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | RCC |  |  |  |
| **2.0** | **C213 EARTHWORKS** | |  |  |  |  |
| 2.1 | **Minor clearing of vegetation** undertaken – where applicable. | | RCC |  |  |  |
| 2.2 | **Demolition works / Spoil Removal** undertaken and spoil removed from site to approved fill site. | | RCC |  |  |  |
| **2.3** | **HOLD POINT:** If unsuitable is encountered TSC to be notified prior to works continuing | | Certifying Engineer |  |  | **Consultant Engineering / TSC Approval / Direction:** |
| 2.4 | **Table drains** shaped to allow water to flow freely and best marry into existing surfaces. | | RCC |  |  |  |
| **3.0** | **C242 FLEXIBLE PAVEMENTS** | |  |  |  |  |
| **3.1** | **HOLD POINT: Proof roll subgrade:** If foundation fails TSC to be notified and to provided direction | | Certifying Engineer |  |  | **Consultant Engineering / TSC Approval / Direction:** |
| 3.2 | **Road base Material:** Material source along with conforming material NATA test certificates have been submitted and approved by the Principal (Material Stockpile Lot) | | RCC |  |  |  |
| 3.3 | **If testing required** - Layers compacted to 100% Standard compaction for full formation width. Compaction testing to be done 1 test per 500m2, minimum of 3 test taken at a time (per lot) or as directed otherwise. | | RCC |  |  |  |
| 3.4 | Levels of gravel marry into existing and deviation does not exceed 12mm over the length of a 3m straight edge. | | RCC |  |  |  |
| **3.5** | **HOLD POINT –** Carry out a proof roll of finished pavement where applicable | | Certifying Engineer |  |  | **Consultant Engineering / TSC Approval / Direction:** |
| **5.0** | **CONCRETE WORKS** | |  |  |  |  |
| **5.1** | **EXCAVATION AND PREPARATION** | |  |  |  |  |
|  | * Suitable subgrade material and prepared to suitable surface | | RCC |  |  |  |
| **5.2** | **FORMWORK AND REINFORCEMENT** | |  |  |  |  |
|  | * Dimensions and positions of forms shall be carefully checked after the forms are erected. Forms shall be aligned accurately and the location of all fittings, hold formers etc. checked prior to placing of concrete. | | RCC |  |  |  |
|  | * Placing of reinforcement as per agreed scope, with reference to Typical Construction Details. Reinforcement to maintain a 50mm vertical and horizontal cover unless directed otherwise. | | RCC |  |  |  |
| **5.2.3** | **HOLD POINT – PRE-POUR INSPECTION** The formwork shall be inspected by the Superintendent, and the placing of reinforcement in the spaces formed, where specified, shall not commence until the formwork is approved by the Superintendent. | | Certifying Engineer |  |  | **Consultant Engineering / TSC Approval / Direction:** |
| **5.3** | **READY MIX CONCRETE** | |  |  |  |  |
|  | * The concrete shall be mixed and delivered in accordance with the requirements of AS 1379 relating to: -   **Concrete Mix Used:**  20/20/80 25/20/80    32/20/80 32/20/100      40/20/80 Grout  Shotcrete Shotcrete w/ poly-fibre      Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | RCC |  |  |  |
| **5.4** | **CONCRETE PLACEMENT** | |  |  |  |  |
|  | * The freshly placed concrete compacted by continuous spading, slicing or by vibrator units. Exposed surfaces of the concrete shall be struck off and finished with a wooden float. Corners and edges should be as per the drawings. | | RCC |  |  |  |
|  | * Surfaces are floated, finished and cured as required to a quality finish. Broom finish as required. | | RCC |  |  |  |
| 5.5 | **TESTING – WHERE REQUIRED** | |  |  |  |  |
| **5.5.1** | Two pairs of test specimens shall be moulded for each 15 cubic metres of concrete, or part thereof, one pair being intended for the 7-day test if required and the other pair for a 28-day test.  **WITNESS POINT:** Concrete test specimens to be taken in presence of Superintendent or Superintendent’s representative | | Certifying Engineer |  |  | **Consultant Engineering / TSC Approval / Direction:** |
| **6.0** | **STORMWATER DRAINAGE** | |  |  |  |  |
| 6.1 | Stormwater components installed as per scope of works  Size of pipe installed as per scope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | RCC |  |  |  |
| **6.2** | **HOLD POINT:** Inspection prior to backfill | | Certifying Engineer |  |  | **Consultant Engineering / TSC Approval / Direction:** |
| 6.3 | **Density testing of pipeline required if within roadway**:- 100% compaction to be achieved | | RCC |  |  |  |
| **7.0** | **CLOSE OUT.** | |  |  |  |  |
| 7.1 | **SITE HANDOVER:** All works complete, demobilised and site handed back to TSC | | RCC  TSC  Sanctuary28  Certifying Engineer |  |  | **Date of handback:**  **TSC Signature:**  **Client Signature:**  **Consulting Engineer Signature:** |
| 7.2 | Verify conformance including close out of NCR’s | | RCC |  |  | **NCR No:** |
| **Records** | |  |  |  |  |
| NATA Certificates | |  |  |  |  |
| Survey Report | |  |  |  |  |
| Geotechnical testing reports | |  |  |  |  |
| Concrete test reports | |  |  |  |  |
| Proof of works report | |  |  |  |  |
| Photographs of completed work | |  |  |  |  |
| 7.3 | Damage No. (DM) signed off and closed by PM or representative | | RCC |  |  | **Signature:** |
|  | **Name:** | **Title:** |

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| **Additional Comments:** |
| **Variations to Scope** |
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