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| **Civil - WTG Excavation** |
| **Inspection and Test Plan - ITP** |

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| **SECTION 1 - GENERAL** | | | | | |
| **Client:** | **Asset** | | | **ITP Template No.:** | **Revision:** |
|  | Civil Area | | | ZENT-ITP-7024 | 0 |
| **Project Name:** | **Area** | | | **Prepared By:** | **Prepared Date:** |
|  | Specific Civil Area | | | Lachlan A. | 23/11/2023 |
| **Project Number:** | **Discipline** | **Component** | **Location** | **Approved By:** | **Approved Date:** |
|  | Civil | ITP - Civil - WTG Excavation |  |  |  |

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| **SECTION 2 - CLOSE OUT SIGNATURE (ZENVIRON ONLY)** | | | |
| **Name:** | **Position:** | **Signature:** | **Data:** |
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| **Comments:** | | | |
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| **SECTION 3 - LEGEND** | |
| **Term** | **Description** |
| **REVIEW** | An Activity which is verified by examination of documentary evidence that inspection/tests have been satisfactorily conducted |
| **WITNESS** | Activity is to be witnessed by Zenviron | Advance notification mandatory | Activity can proceed once the minimum notification period has elapsed |
| **HOLD POINT** | Activity is to be witnessed by Zenviron | Advance notification mandatory | Hold point can only be waivered formally in writing |

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| **SECTION 4 - PRELIMINARY** | | | | | | | | | | |
| **ITEM** | **ACTIVITY/ TASK DESCRIPTION** | **INSPECTION FREQUENCY** | **REQUIREMENT/ STANDARD / SPECIFICATION** | **ACCEPTANCE CRITERIA** | **VERIFYING DOCUMENT (RECORDS/EVIDENCE)** | **SUPERVISION TYPE** | **RECEIVED AND ANALYSED BY: (ZENVIRON ONLY)** | | | |
| **NAME** | **SIGNED** | **DATE** | **COMMENTS** |
| 4.1 | Design drawings, project specifications | Design drawing revision status issued for construction,  Project specification and current controlled model issued |  | Documents controlled through document management system | N/A | WITNESS |  |  |  |  |
| 4.2 | Survey and Setout | ZX115-REP-0201  Earthworks, Roads and Drainage Specification Survey and inspection of  Control PointS |  | Control point survey by registered surveyor. Visual inspection of control point/s.  Survey equipment spot checked for calibration | N/A | WITNESS |  |  |  |  |

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| **SECTION 5 - MATERIAL APPROVALS** | | | | | | | | | | |
| **ITEM** | **ACTIVITY/ TASK DESCRIPTION** | **INSPECTION FREQUENCY** | **REQUIREMENT/ STANDARD / SPECIFICATION** | **ACCEPTANCE CRITERIA** | **VERIFYING DOCUMENT (RECORDS/EVIDENCE)** | **SUPERVISION TYPE** | **RECEIVED AND ANALYSED BY: (ZENVIRON ONLY)** | | | |
| **NAME** | **SIGNED** | **DATE** | **COMMENTS** |

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| 5.1 | Subgrade Replacement Material Conformance  (If Required) | Verify conformance of material to ZX115-REP- 0201 Earthworks, Roads and Drainage Specification |  | ZX115-REP-0201 Earthworks, Roads and Drainage Specification;   * Particle Size Distribution * CBR * Atterberg Limits * Wet/Dry Strength Variation | NATA Test Reports | REVIEW |  |  |  |  |

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| **SECTION 6 - ACCESS TRACK STRIP SOIL** | | | | | | | | | | |
| **ITEM** | **ACTIVITY/ TASK DESCRIPTION** | **INSPECTION**  **FREQUENCY** | **REQUIREMENT/ STANDARD /**  **SPECIFICATION** | **ACCEPTANCE CRITERIA** | **VERIFYING DOCUMENT**  **(RECORDS/EVIDENCE)** | **SUPERVISION**  **TYPE** | **RECEIVED AND ANALYSED BY: (ZENVIRON ONLY)** | | | |
| **NAME** | **SIGNED** | **DATE** | **COMMENTS** |
| 6.1 | Foundation Excavation | Batters to be benched or graded to 1:1 as per WTG Footing Drawings ZX115-DWG-1403 |  | Any temporary drainage and sumps installed as per the drawings to protect foundation excavation from adverse weather conditions | N/A | WITNESS |  |  |  |  |
| 6.2 | Bulk Excavation | Excavated to 200mm above FSL of the foundation.  Excavataion is to be maintained to prevent any damage to the foundation subgrade |  | Maintained and dewatered as per Earthworks, Roads and Drainage Specification ZX115-REP-0201 | N/A | REVIEW |  |  |  |  |
| 6.3 | Replacement Subgrade (As required) | Where subgrade replacement is required, verify the following as per Earthworks, Roads and Drainage Specification ZX115-REP- 0201 |  | Inspection of final excavation by design and or geotechnical engineer to confirm if soft or loose areas need to be removed.  Test results obtained for layers compliant to ZX115-REP-0201 Earthworks, Roads and Drainage Specification   * Compaction * Density * OMC | NATA Test Reports Geotechnical Engineer / Design Engineer written approval | HOLD POINT |  |  |  |  |
| 6.4 | Foundation Release for Blinding | The base of the foundation should be free of loose material. Foundation excavated to allow minimum 100mm blinding concrete. |  | The onsite Geotechnical Engineer or Design Engineer must approve the condition of the foundation for cleanliness.  Geotech report to verify that the parameters outlined in Earthworks, Roads and Drainage Specification ZX115-REP-0201 have been met. | Geotechnical Engineer / Design Engineer written approval | HOLD POINT |  |  |  |  |

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| **SECTION 7 - COMPLETION AND HANDOVER** | | | | | | | | | | |
| **ITEM** | **ACTIVITY/ TASK DESCRIPTION** | **INSPECTION FREQUENCY** | **REQUIREMENT/ STANDARD / SPECIFICATION** | **ACCEPTANCE CRITERIA** | **VERIFYING DOCUMENT (RECORDS/EVIDENCE)** | **SUPERVISION TYPE** | **RECEIVED AND ANALYSED BY: (ZENVIRON ONLY)** | | | |
| **NAME** | **SIGNED** | **DATE** | **COMMENTS** |
| 7.1 | Redline markup of Construction Drawings | Redline markup of relevent Construction Drawings in Master  Drawing Folder |  | In line with BMS-WIN-1024 - Document Red- Line Markup | Redline Markup in Master Drawing Folder | REVIEW |  |  |  |  |
| 7.2 | Generate Punch List | Subcontractor walk-  down inspection |  | Generate Subcontractor Punch List | BMS-TMP-0044 Punch  List record | REVIEW |  |  |  |  |