



## Civil - WTG Excavation

### Inspection and Test Plan - ITP

#### 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
	Civil	ITP - Civil - WTG Excavation	
		Approved By:	Approved Date:

#### SECTION 2 - CLOSE OUT SIGNATURE (ZENVIRON ONLY)

Name:	Position:	Signature:	Data:
Comments:			

#### 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 waived formally in writing

#### 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				

#### 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

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. Excavation 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				

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 relevant 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				