



- Legend**
- Planning Application Boundary
 - Proposed Finished Level Contours
 - █ Proposed Cutting Zone
 - █ Proposed Embankment Zone

- Notes**
1. All dimensions are in metres unless noted otherwise. All elevations are in metres Above Ordnance Datum (AOD). Do not scale.
 2. For typical sections across the proposed track, refer to drawing CG3024.
 3. For proposed drainage, refer to drawings CG3050 to CG3053.
 4. Where proposed earthworks are within the proposed boundary the relevant cuttings and embankments have been used to determine the proposed finished level. Elsewhere the 2m LIDAR data has been used as the baseline ground level. For existing topography, refer to drawing CG3000.
 5. Proposed embankments to have permitted side slopes of 1 in 3. Proposed cuttings within superficial deposits and restored ground to have permitted side slopes of 1 in 2.5. Where cuttings are located within rock areas, a steeper side slope of 1 in 1 has been provided.
 6. All slopes to be seeded.



PO2	02/09/21	DS	JS	JS	JS
Drawing Updated					
PO1	17/07/20	DO	IA	JS	JS
Issued for Planning					
Issue	Date	By	Chkd	Appd	

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Job Title
Global Centre for Rail Excellence

Drawing Title
Proposed Finished Levels
 Sheet 4 of 4

Scale of A1
 1:2500
 Discipline
 Infrastructure
 Drawing Status

Job No
264904
 Drawing No
CG3023
 Issue
P02

For continuation see Drawing CG3021

For continuation see Drawing CG3022

For continuation see Drawing CG1032

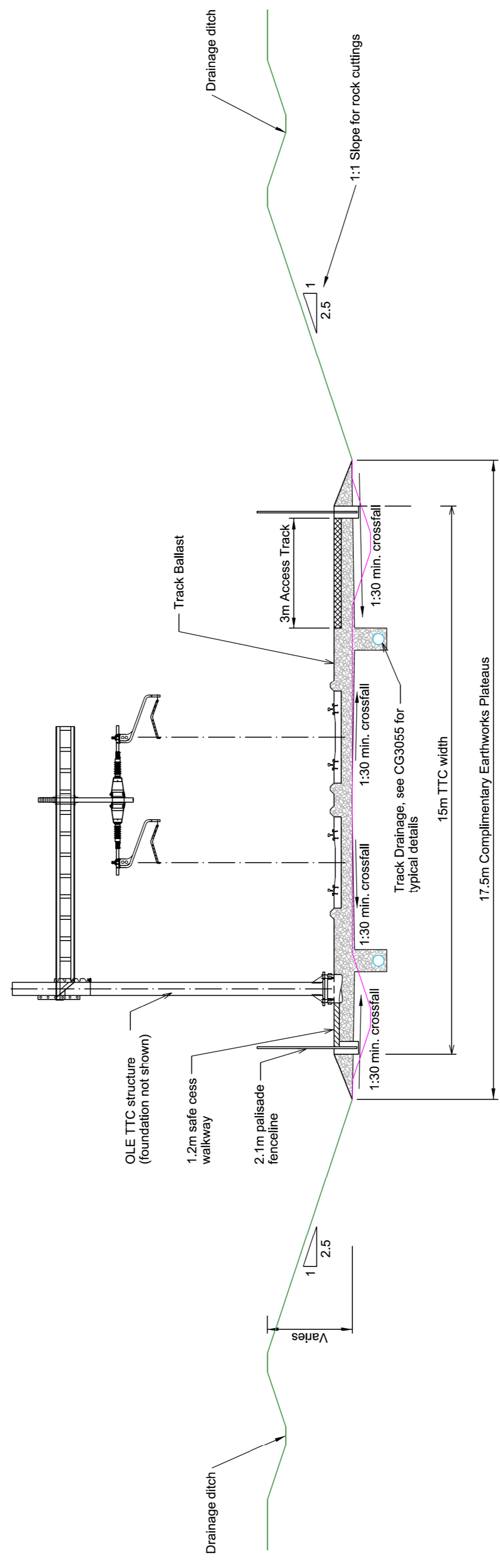
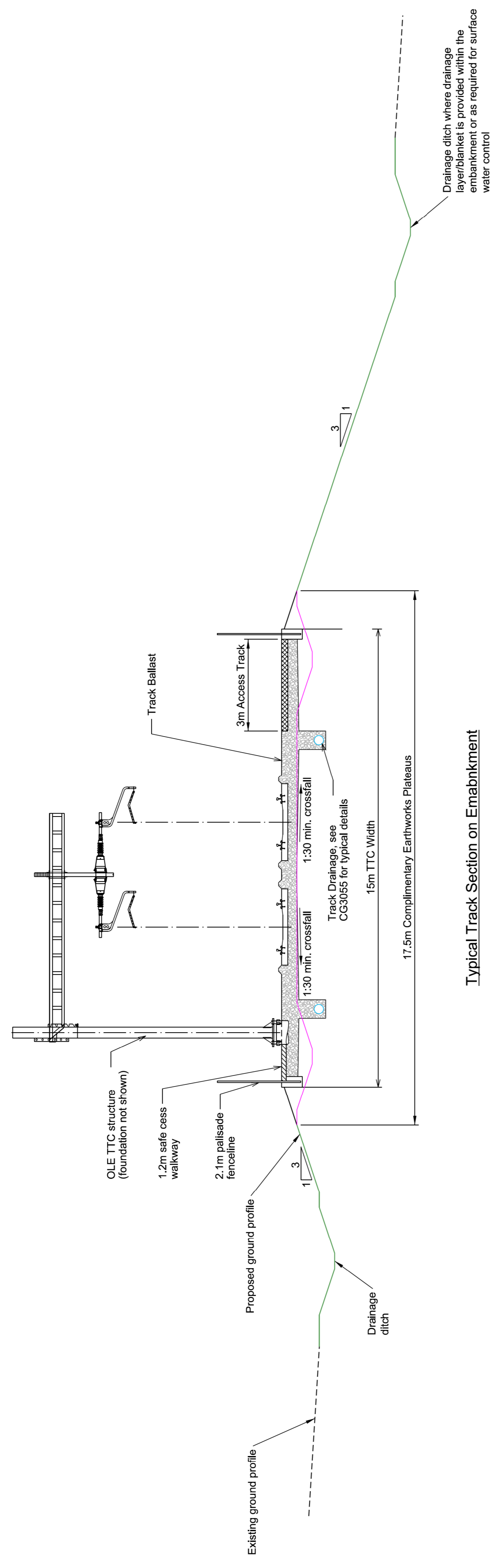
A1 1 2 3 4 5 6 7 8 9 10 11

Legend

- Access Track
- Ballast
- Cess Walkway
- Track Drainage
- Existing Complementary Earthworks
- Ground Profile to be modified
- Existing Complementary Earthworks
- Ground Profile to be retained

Notes

1. Earthworks plateau and cut-fill areas based on a 15m required width for TTC track arrangement and ancillary elements.
2. Width of track formation and depth of construction buildup for Access Road/ Access Walkway is indicative.



PO1	17/07/20	DO	IA	JS
Issued for Planning				
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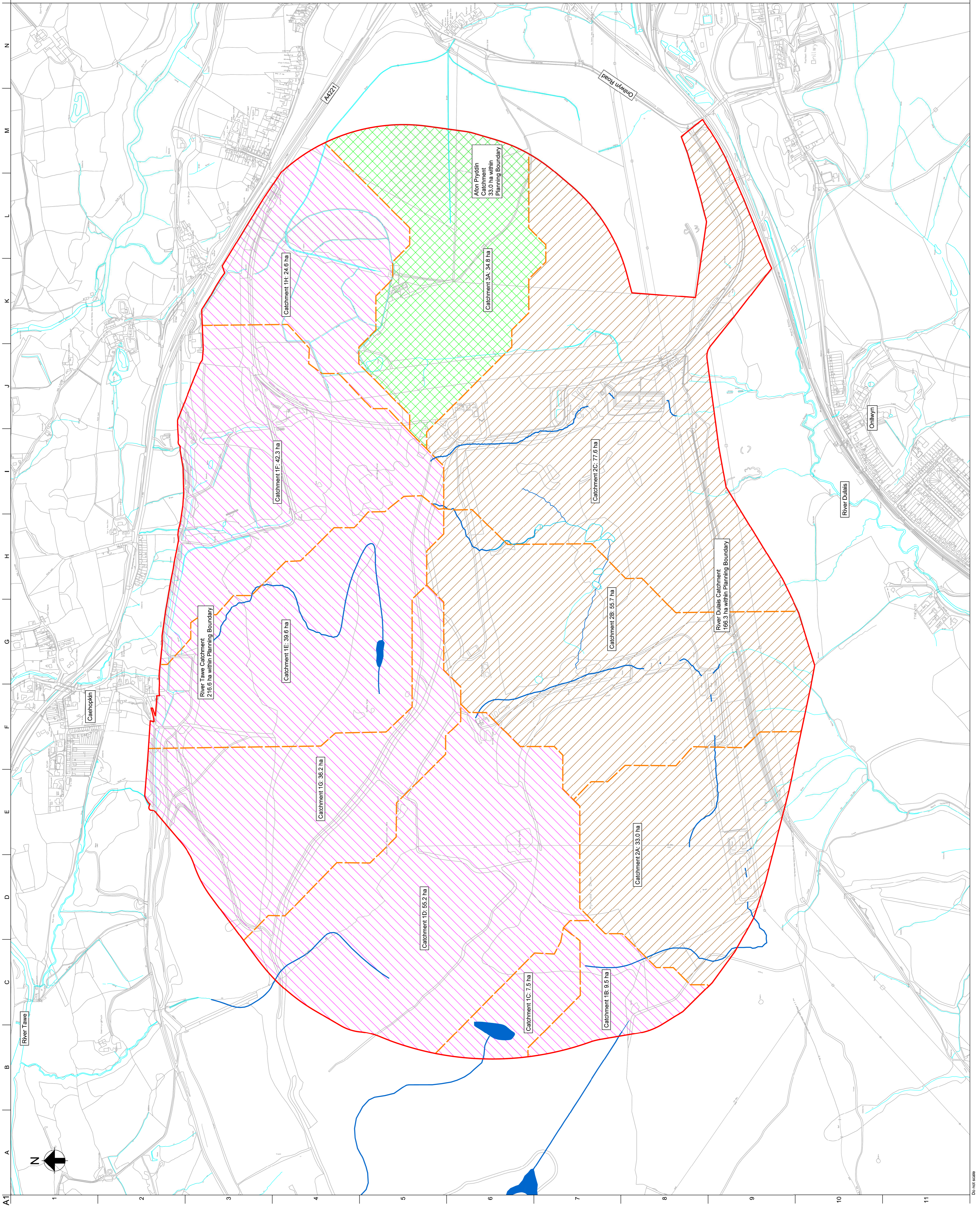
Drawing Title
Proposed Track Embankment and Cuttings Cross Sections

Scale of A1
As Shown

Discipline
CIVILS

For Information

Job No	264904	Drawing No	CG3024	Issue	P01
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- Legend**
- Planning Application Boundary
 - River Tawe Catchment
 - River Dulais Catchment
 - Afon Pryddin Catchment
 - Existing Watercourses
 - Restoration Watercourses
 - Tributary Catchments
 - Proposed Center Drain
 - Proposed Filter Drain

Notes

- All dimensions are in metres unless noted otherwise. All elevations are in metres Above Ordnance Datum (AOD). Do not scale.
- The overarching catchment boundaries shown have been downloaded from the FEH Online Service. These were preferred over catchments derived from the Lidar model due to the open cast mining works undertaken on the site.
- Tributary catchments are based on the existing catchments prepared by the restoration works and compared to the online catchments using the FEH Online Tool.

PO1	17/07/20	DO	IA	JS
Issued for Planning				
Issue	Date	By	Chkd	Appd

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Job Title
Global Centre for Rail Excellence

Drawing Title
Existing Drainage Catchments

Scale at A1
1:5000

Discipline
Infrastructure

Drawing Status
For Information

Job No
264904

Drawing No
CG3040

Issue
P01