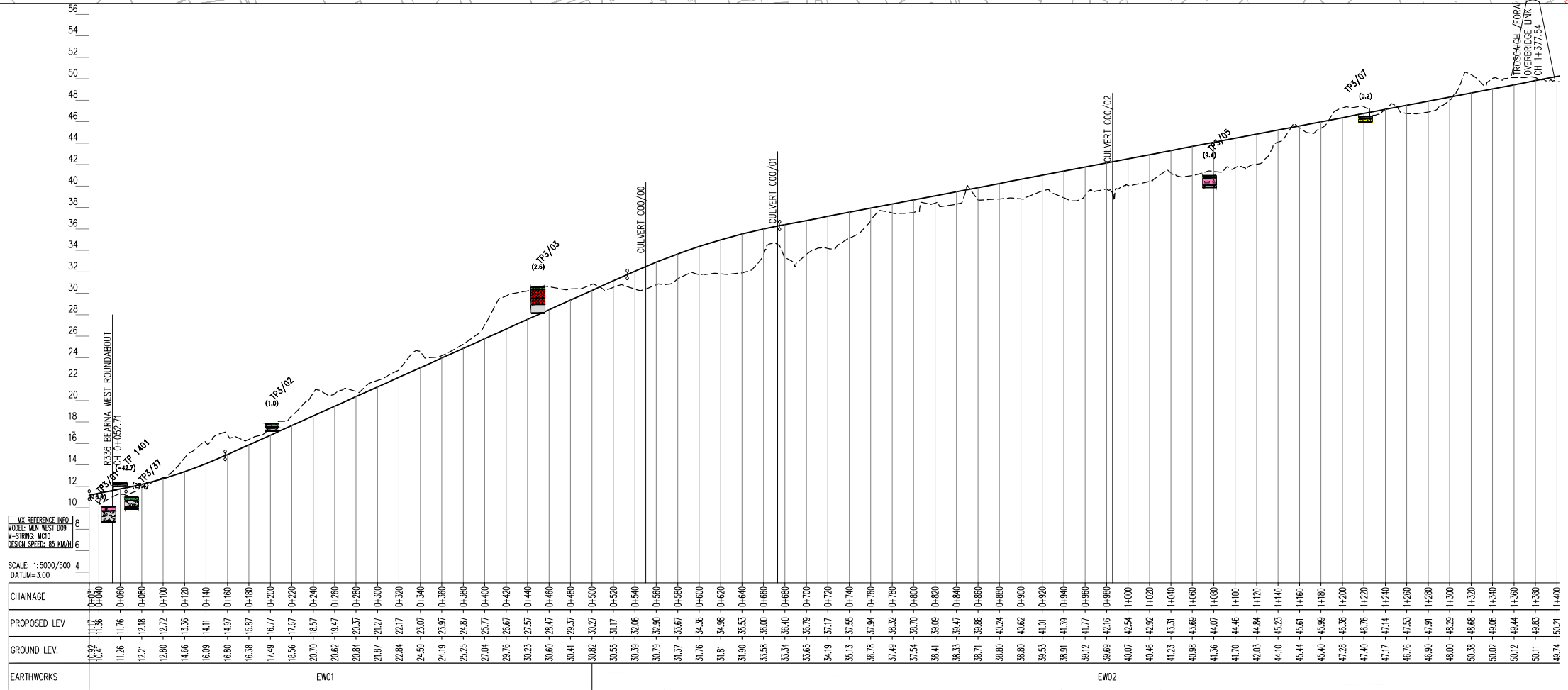
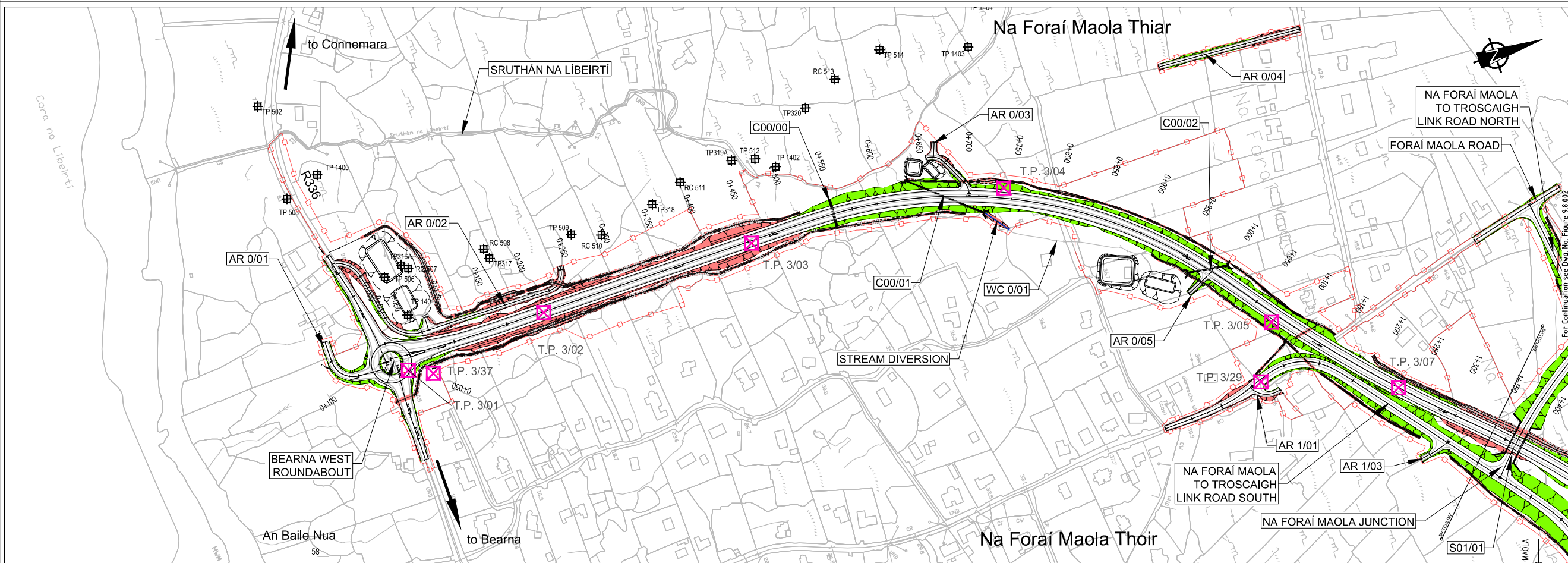
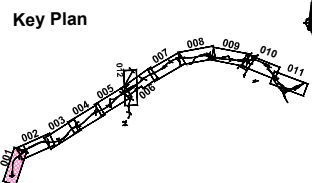


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Job Title
N6 Galway City Ring Road

Scale
H 1:5000 / V 1:500 @ A3

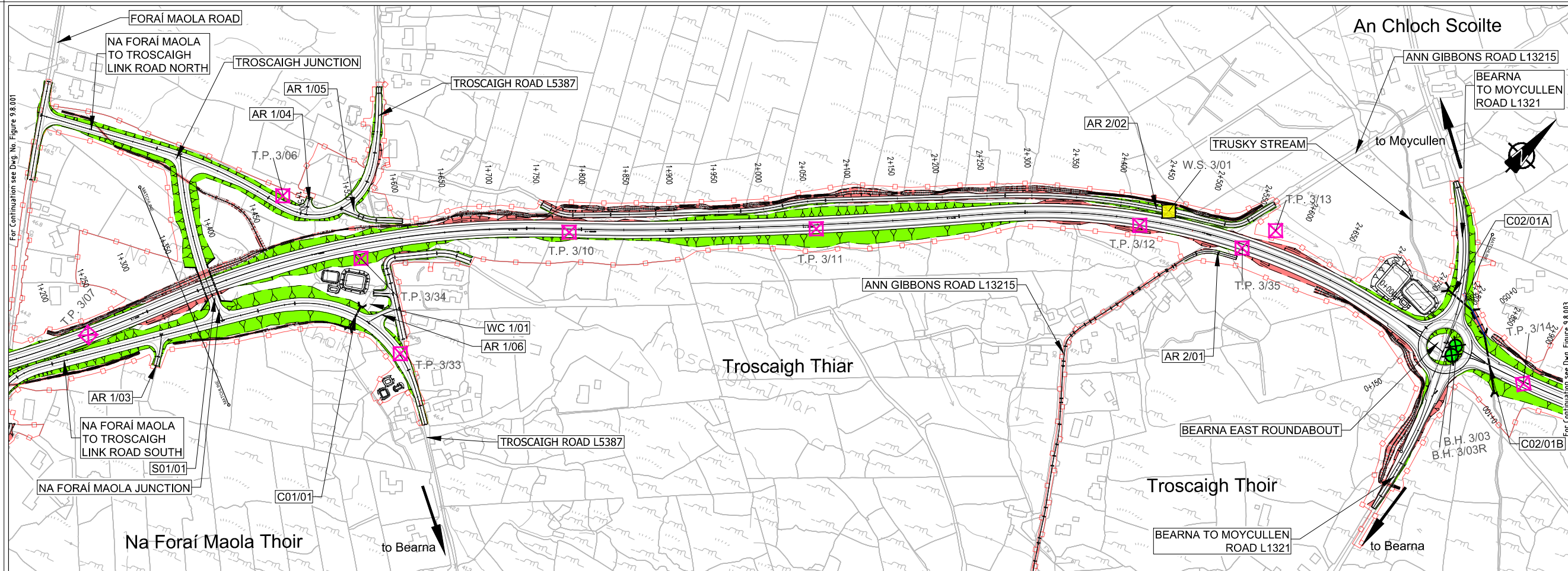
Date:
September 2018

Issue	Date	By	Chkd	Appd
1.	28/09/2018	KJ	CM	JC

Drawing Title
Ground Investigation Plan & Profile
Mainline Plan/Profile - CH.0+000 to CH.1+350
Sheet 1 of 12

Drawing Status
For Information

Job No	Drawing No	Issue
233985	Figure 9.8.001	11



Legend:

PLAN

- Proposed Development Boundary
- Proposed Road Development
- Earthworks - Fill
- Earthworks - Cut
- Structure (S)
- Proposed Retaining wall (R)
- Proposed Culvert (C)
- Proposed Mammal Underpass (C)

Geology

- Cable Percussive Borehole
- Cable Percussive + Rotary Core Borehole
- Trial Pit
- Window Sample
- Soakways
- GI Borehole (Lackagh area)
- Horizontal Borehole (Lackagh Quarry)
- Historical GI Locations Records

Geophysics

- Geophysics Locations

PROFILE

- Existing Ground
- Proposed Geometry Profile

- LACKAGH TUNNEL & GALWAY RACECOURSE TUNNEL

Geology

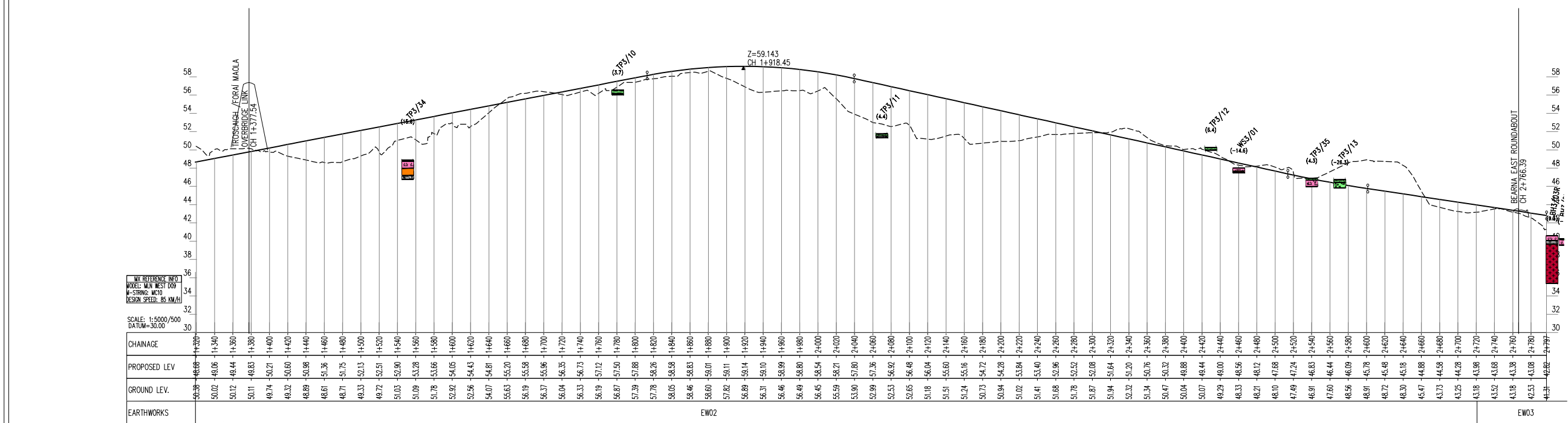
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- Topsoil [TOP]
- Silt [SI]
- Sand [Sa]
- Peat [PEAT]
- Made Ground [MG]
- CONCRETE
- LIMESTONE
- MUDDSTONE
- NO RECOVERY
- CLAY
- Sandy CLAY
- Gravelly COBBLES
- Clayey COBBLES
- COBBLES
- GRAVEL
- Sandy SILT
- SILT
- Limestone [LSRck]
- Gravel [GR]
- Clay [CI]
- Cobbles and Boulders [Cb]
- Granite [TGRck]
- Silty SAND
- Organic CLAY
- SAND
- Cobbly CLAY
- BOULDERS
- Gravelly CLAY
- Silty sandy gravelly
- Fill (MADE GROUND)
- Sandy cobbly CLAY
- TOPSOIL
- COBBLES and BOULDERS
- Sandy gravelly cobbly CLAY

Geophysics

- Layers from Seismic Refraction Model:

- Ground Surface/Top of Layer 1 (200 - 340m/s)
- Top of Layer 2 (900 - 1200m/s)
- Top of Layer 3 (2000 - 2400m/s)
- Top of Layer 4 (4000 - 5000m/s)

- 20.0 40.0 80.0 160.0 320.0 640.0 1280.0 2560.0



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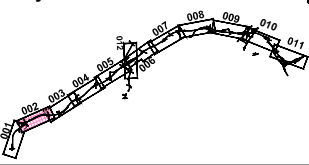


Comhairle Chontae na Gaillimhe
Galway County Council



Bonneagair Iompair Éireann
Transport Infrastructure Agency

Key Plan



Consultant



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Job Title

N6 Galway City Ring Road

Scale

H 1:5000 / V 1:500 @ A3

Date:

September 2018

Issue	Date	By	Chkd	Appd
1.	28/09/2018	KJ	CM	JC

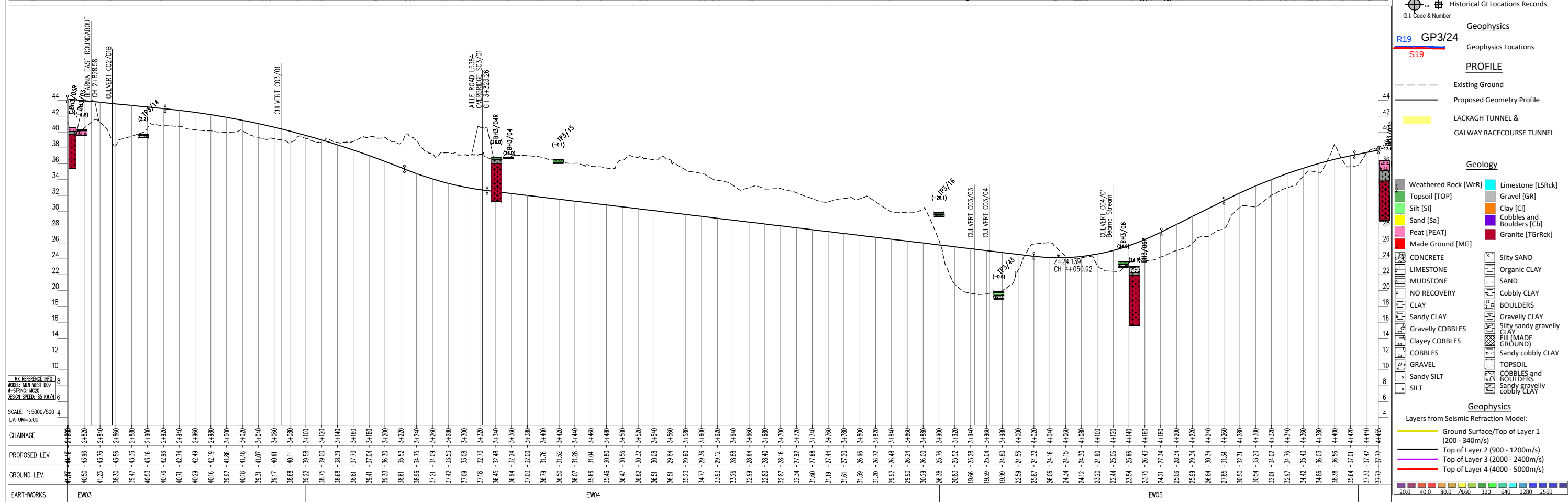
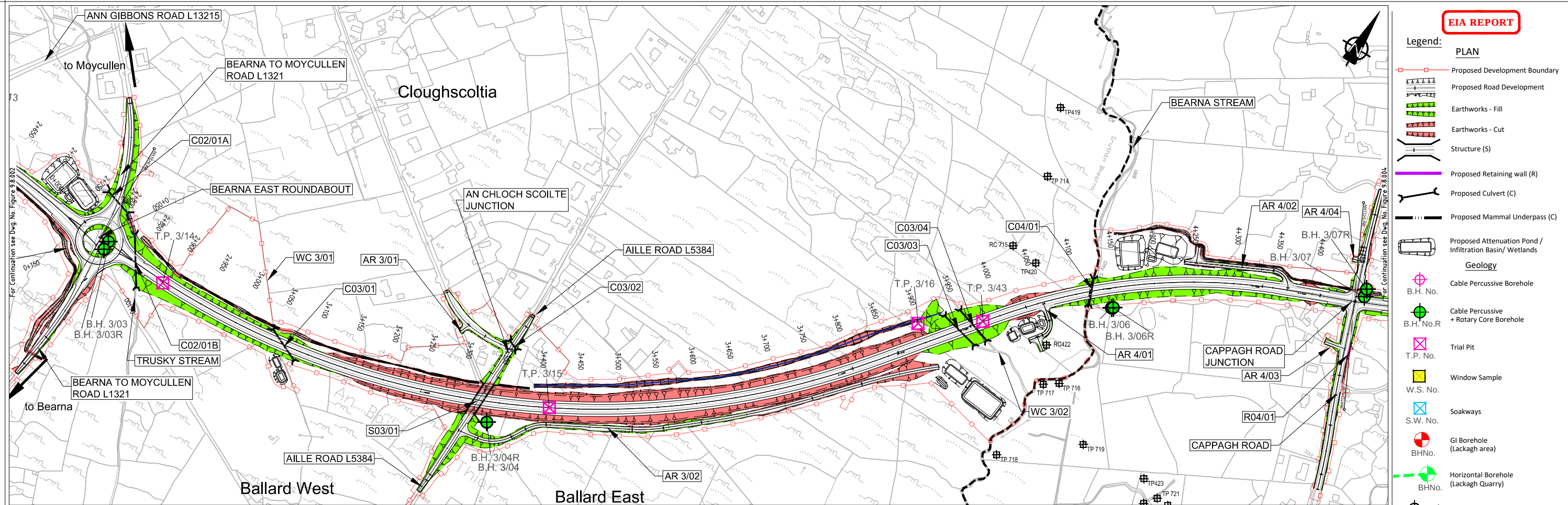
Drawing Title

Ground Investigation Plan & Profile
Mainline Plan/Profile - CH.1+350 to CH.2+799
Sheet 2 of 12

Drawing Status

For Information

Job No	Drawing No	Issue
233985	Figure 9.8.002	11

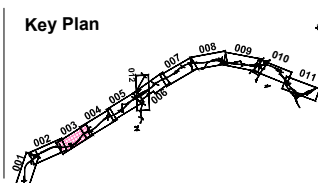


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Job Title
N6 Galway City Ring Road

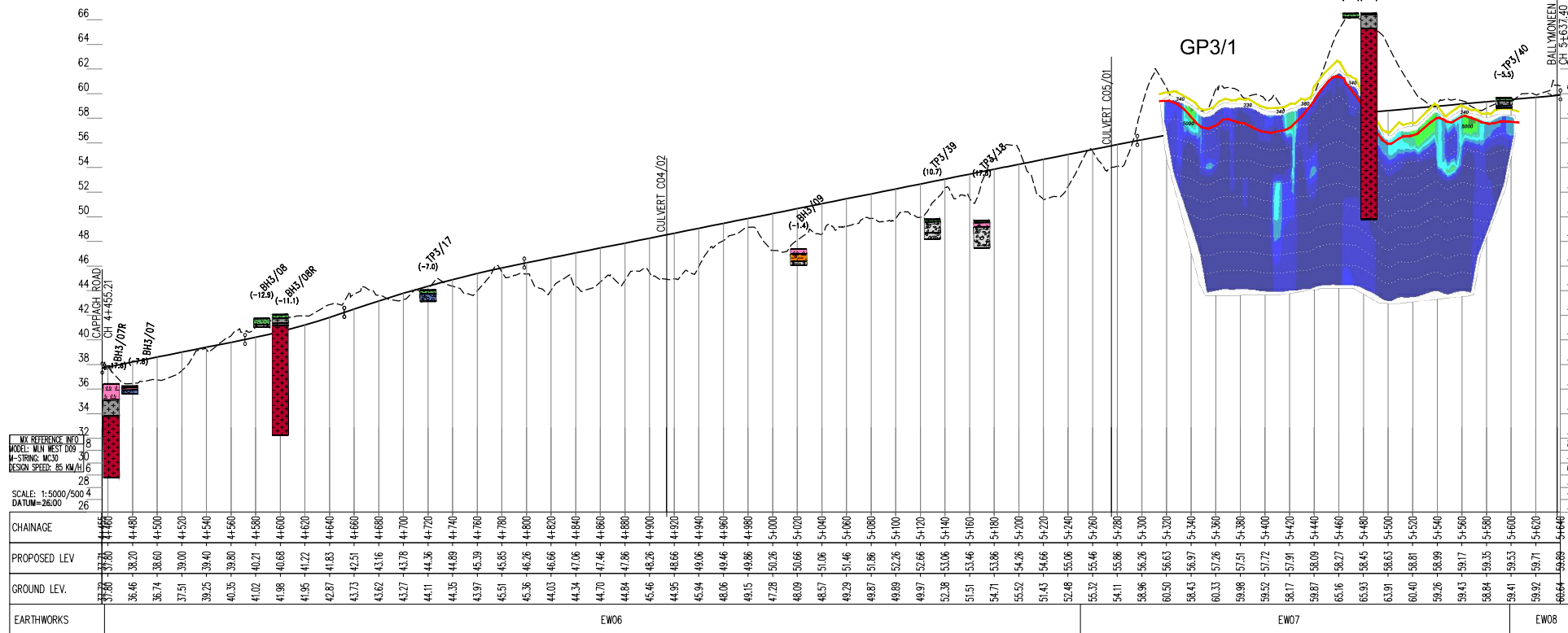
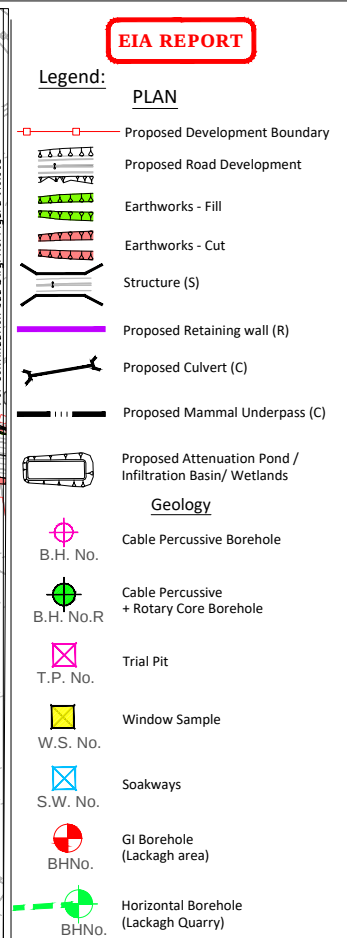
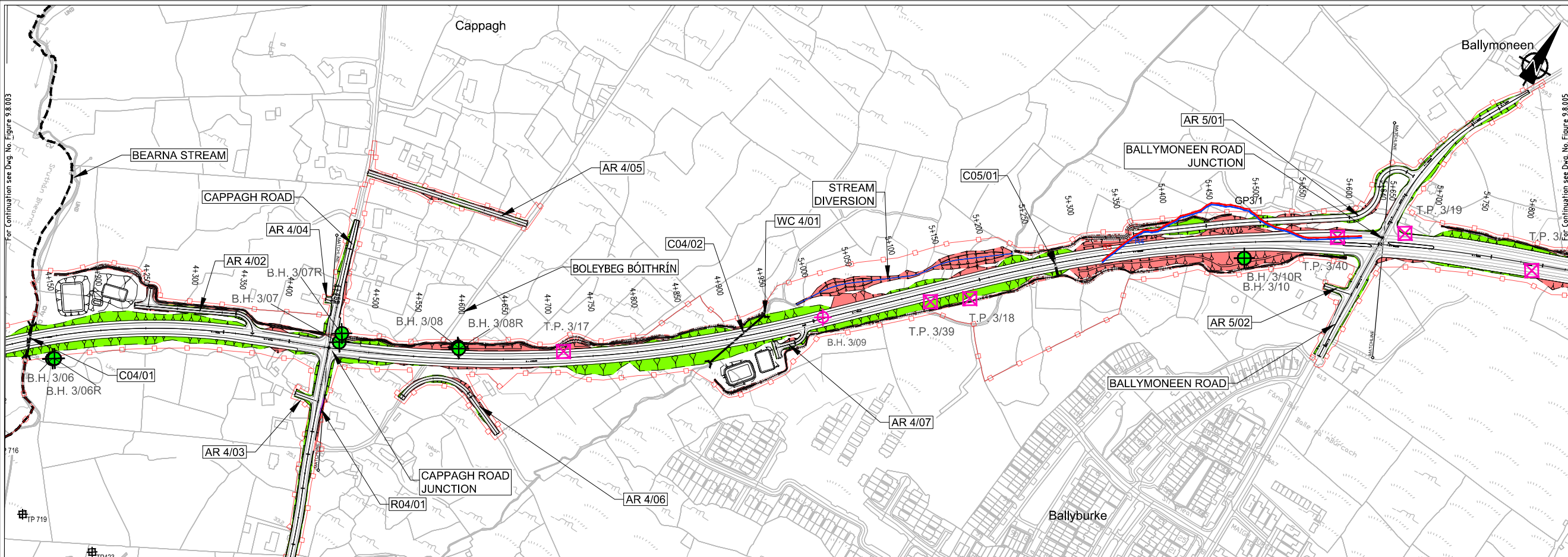
Scale H 1:5000 / V 1:5000
Date: September 2018

I1	28/09/2018	KJ	CM	JC
Issue	Date	By	Chkd	Appd

Drawing Title
Ground Investigation Plan & Profile
Mainline Plan/Profile - CH.2+799 to CH.4+455
Sheet 3 of 12

For Information

Job No 233985	Drawing No Figure 9.8.003	Issue I1
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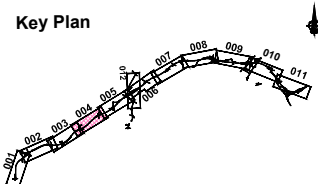


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Job Title
N6 Galway City Ring Road

Scale
H 1:5000 / V 1:500 @ A3

Date:
September 2018

1.	28/09/2018	KJ	CM	JC
Issue	Date	By	Chkd	Appd

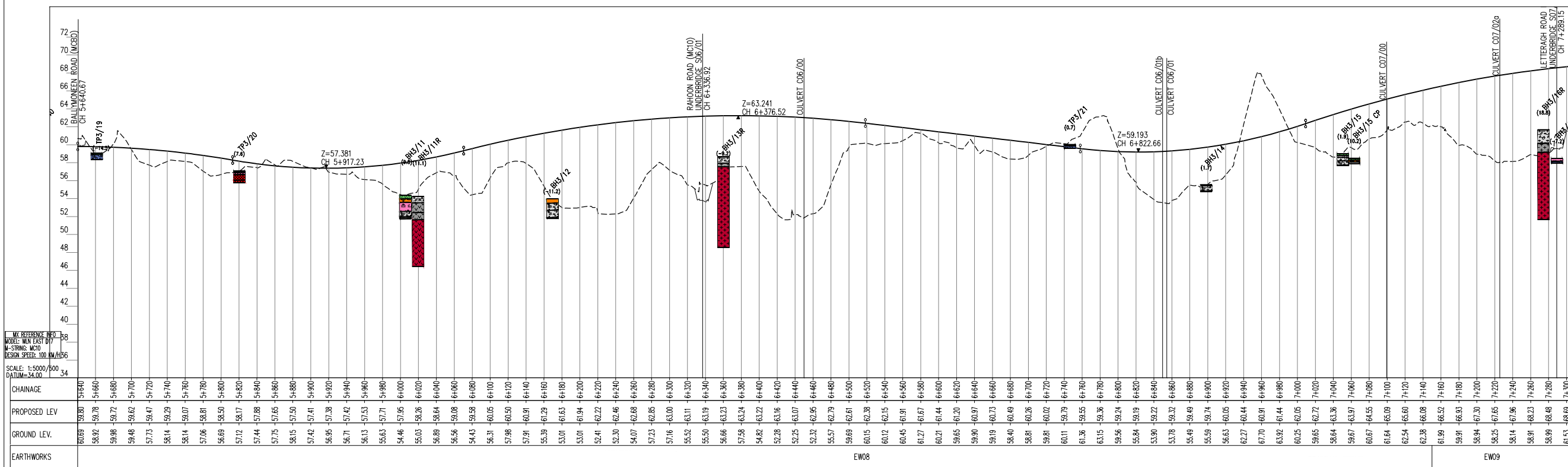
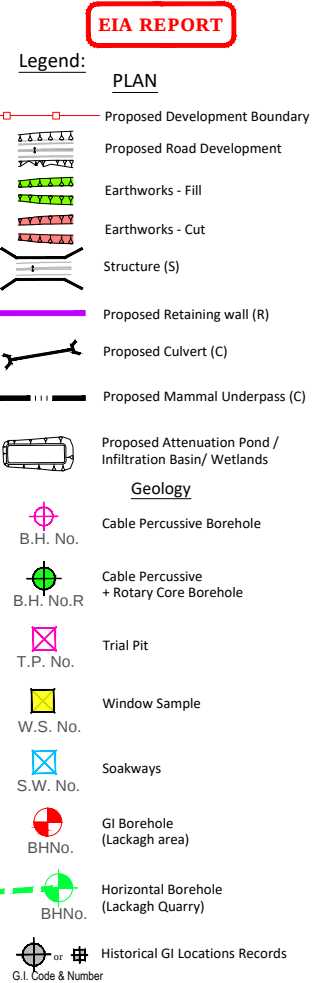
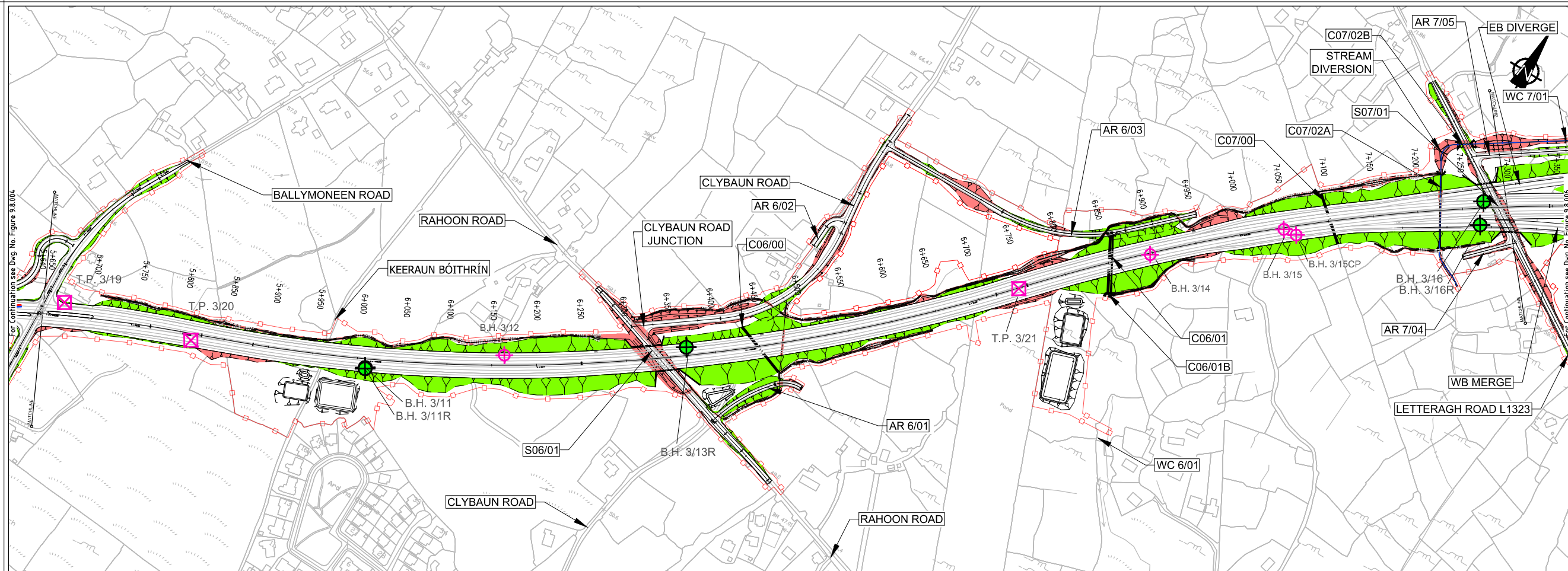
Drawing Title
Ground Investigation Plan & Profile
Mainline Plan/Profile - CH.4+455 to CH.5+640
Sheet 4 of 12

Drawing Status
For Information

Job No
233985

Drawing No
Figure 9.8.004

Issue
11

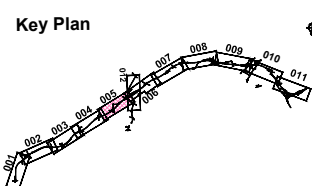


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Job Title
N6 Galway City Ring Road

Scale
H 1:5000 / V 1:500 @ A3

Date:
September 2018

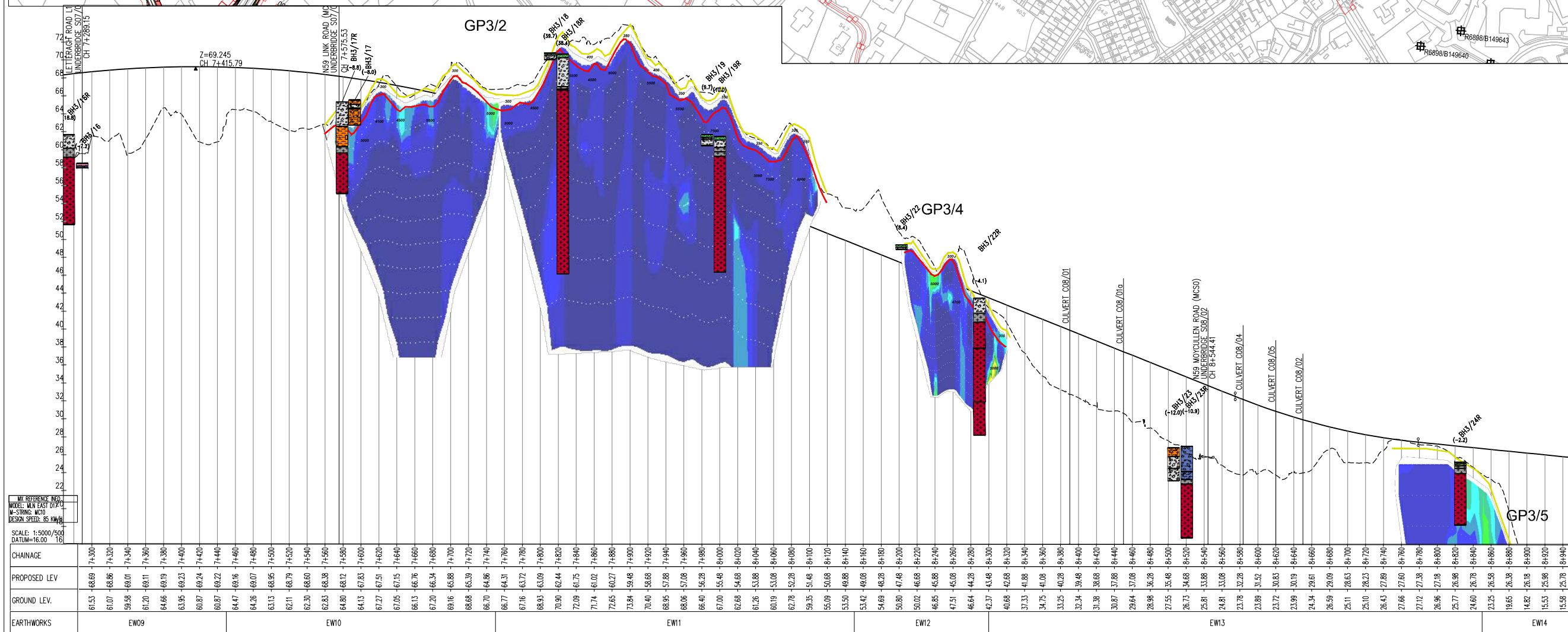
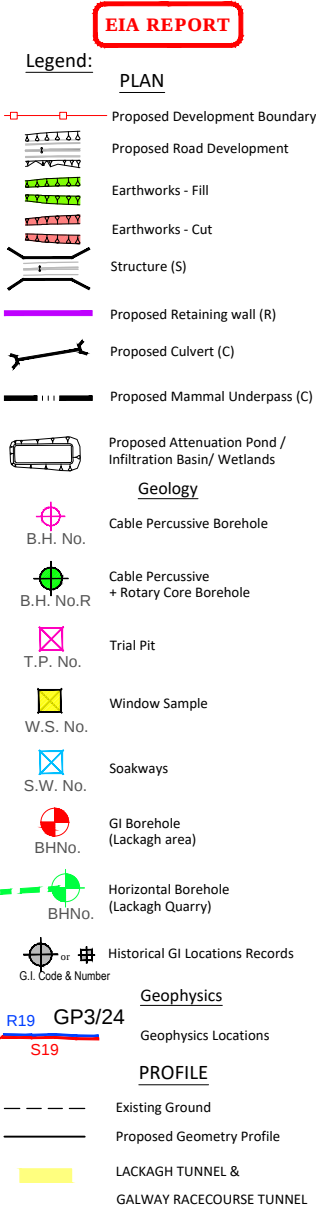
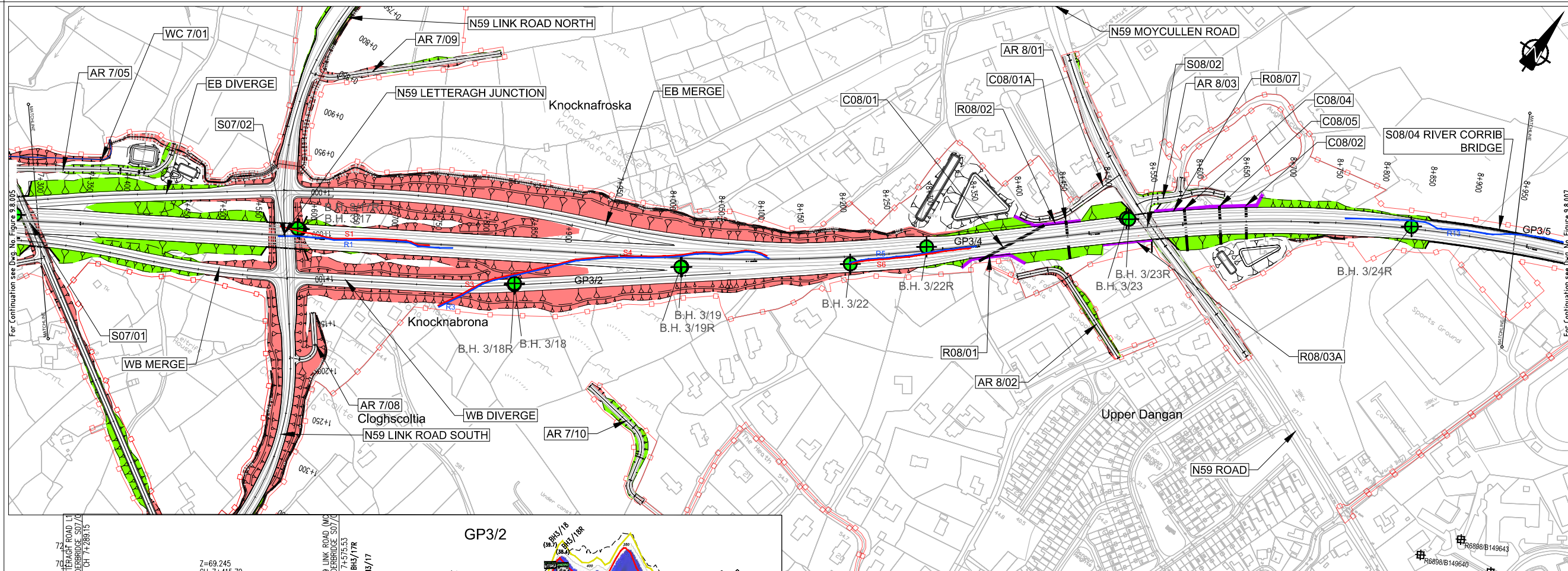
1.	28/09/2018	KJ	CM	JC
Issue	Date	By	Chkd	Appd

Drawing Title
Ground Investigation Plan & Profile
Mainline Plan/Profile - CH.5+640 to CH.7+300
Sheet 5 of 12

Drawing Status

For Information

Job No	Drawing No	Issue
233985	Figure 9.8.005	11

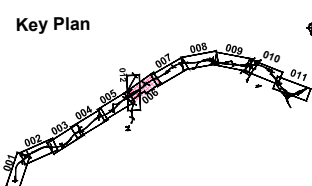


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Job Title

N6 Galway City Ring Road

Scale

H 1:5000 / V 1:500 @ A3

Date:

September 2018

Issue	Date	By	Chkd	Appd
1.	28/09/2018	KJ	CM	JC

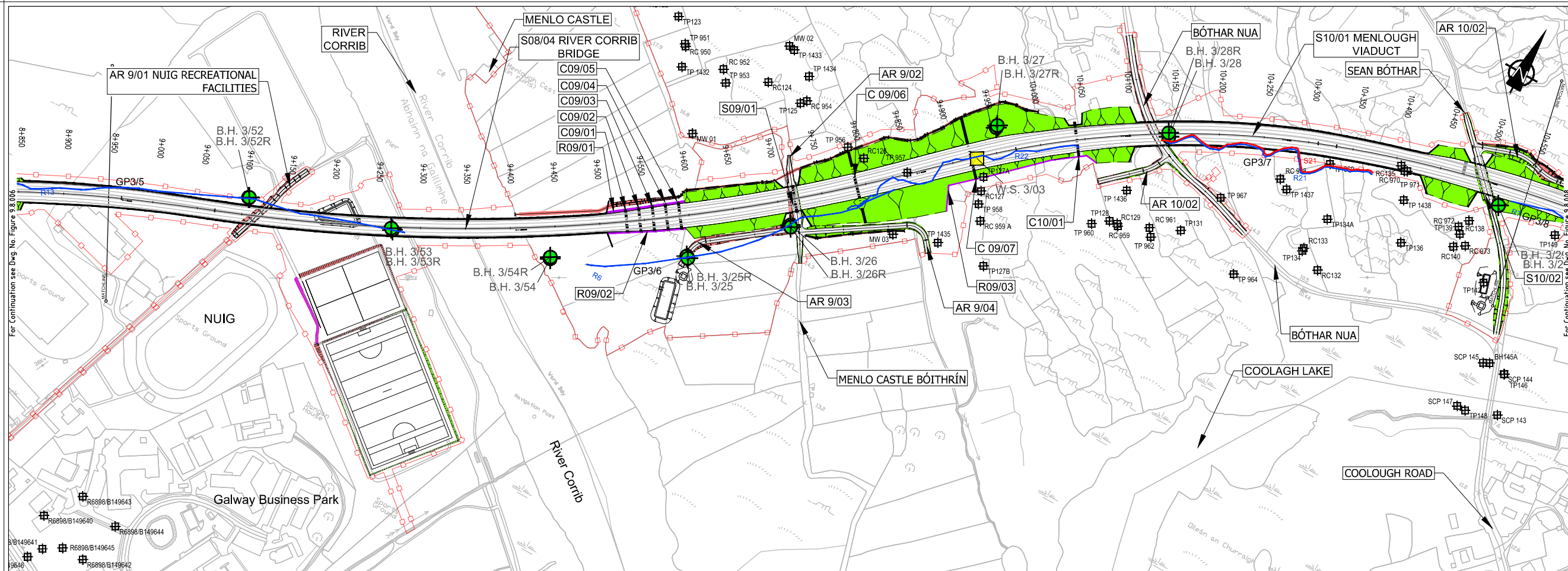
Drawing Title

Ground Investigation Plan & Profile
Mainline Plan/Profile - CH.7+300 to CH.8+950
Sheet 6 of 12

Drawing Status

For Information

Job No	Drawing No	Issue
233985	Figure 9.8.006	11



EIA REPORT

Legend: PLAN

- Proposed Development Boundary
- Proposed Road Development
- Earthworks - Fill
- Earthworks - Cut
- Structure (S)
- Proposed Retaining wall (R)
- Proposed Culvert (C)
- Proposed Mammal Underpass (C)
- Proposed Attenuation Pond / Infiltration Basin/ Wetlands
- Geology**
- Cable Percussive Borehole
- Cable Percussive + Rotary Core Borehole
- Trial Pit
- Window Sample
- Soakways
- GI Borehole (Lackagh area)
- Horizontal Borehole (Lackagh Quarry)
- Historical GI Locations Records

Geophysics

- Geophysics Locations

PROFILE

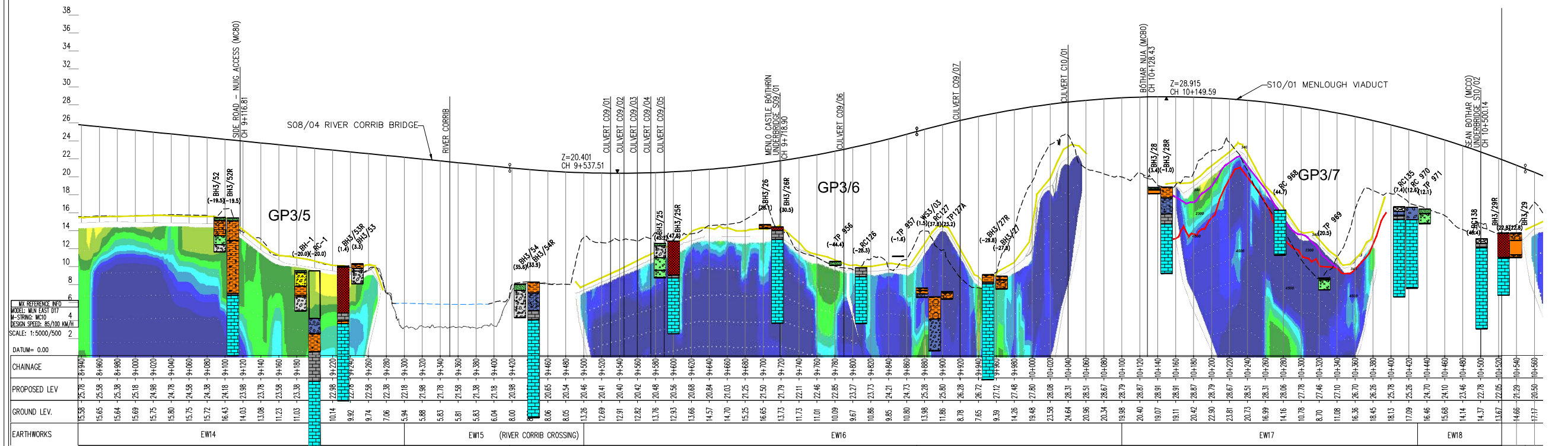
- Existing Ground
- Proposed Geometry Profile
- LACKAGH TUNNEL & GALWAY RACECOURSE TUNNEL

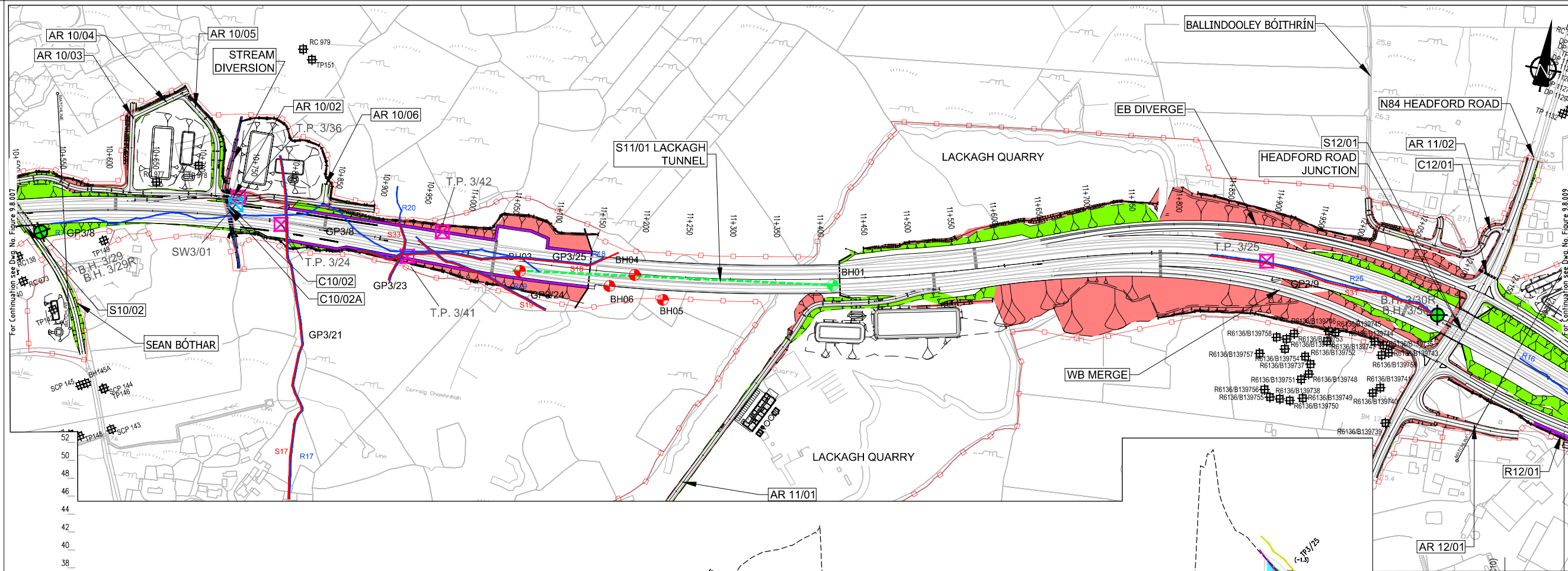
Geology

- Weathered Rock [Wrr]
- Topsoil [TOP]
- Silt [SI]
- Sand [Sa]
- Peat [PEAT]
- Made Ground [MG]
- CONCRETE
- LIMESTONE
- MUDDSTONE
- NO RECOVERY
- CLAY
- Sandy CLAY
- Gravelly COBBLES
- Clayey COBBLES
- COBBLES
- GRAVEL
- Sandy SILT
- SILT
- Limestone [LSRck]
- Gravel [GR]
- Clay [CI]
- Cobbles and Boulders [Cb]
- Granite [TGrck]
- Silty SAND
- Organic CLAY
- SAND
- Cobbly CLAY
- BOULDERS
- Gravelly CLAY
- Silty sandy gravelly
- Fill (MADE GROUND)
- Sandy cobbly CLAY
- TOPSOIL
- COBBLES and BOULDERS
- Sandy gravelly cobbly CLAY

Geophysics

- Layers from Seismic Refraction Model:
- Ground Surface/Top of Layer 1 (200 - 340m/s)
- Top of Layer 2 (900 - 1200m/s)
- Top of Layer 3 (2000 - 2400m/s)
- Top of Layer 4 (4000 - 5000m/s)





- EIA REPORT**
- Legend:**
- PLAN**
- Proposed Development Boundary
- Proposed Road Development
- Earthworks - Fill
- Earthworks - Cut
- Structure (S)
- Proposed Retaining wall (R)
- Proposed Culvert (C)
- Proposed Mammal Underpass (C)
- Proposed Attenuation Pond / Infiltration Basin/ Wetlands
- Geology**
- B.H. No.
- B.H. No. R
- T.P. No.
- W.S. No.
- S.W. No.
- B.H.No.
- B.H.No.
- G.I. Code or Number

Geophysics

R19 GP3/24S19

PROFILE

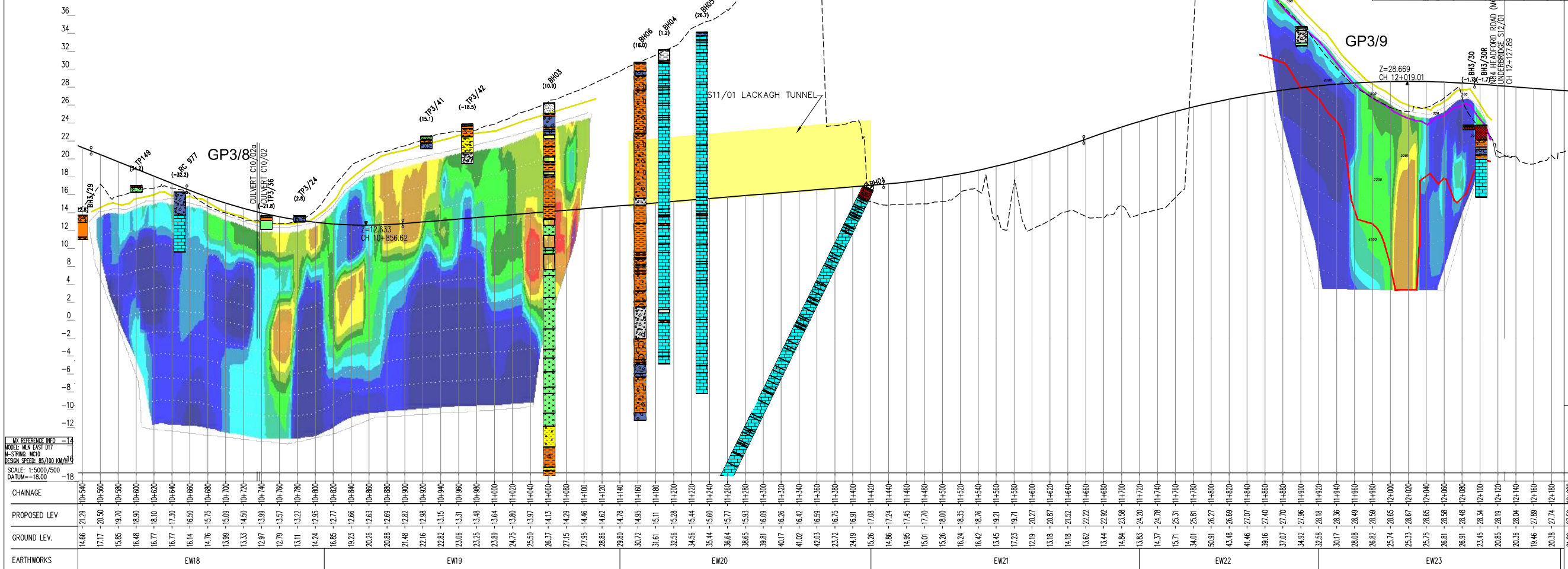
Existing GroundProposed Geometry ProfileLACKAGH TUNNEL & GALWAY RACECOURSE TUNNEL

Geology

Weathered Rock [WwR]Topsoil [TOP]Silt [SI]Sand [Sa]Peat [PEAT]Made Ground [MG]Limestone [LSRck]Gravel [GR]Clay [CI]Cobbles and Boulders [Cb]Granite [TGrRck]CONCRETELIMESTONEMUDSTONENO RECOVERYCLAYSandy CLAYGravelly COBBLESClayey COBBLESCOBBLESGRAVELSandy SILTSILTSilty SANDOrganic CLAYSANDCobbly CLAYBOULDERSGravelly CLAYSilty sandy gravellyFILL (MADE GROUND)Sandy cobbly CLAYTOPSOILCOBBLES and BOULDERSSandy gravelly cobbly CLAY

Geophysics

Layers from Seismic Refraction Model:

Ground Surface/Top of Layer 1 (200 - 340m/s)Top of Layer 2 (900 - 1200m/s)Top of Layer 3 (2000 - 2400m/s)Top of Layer 4 (4000 - 5000m/s)20.0 20.0 40.0 80.0 160.0 320 640 1280 2560

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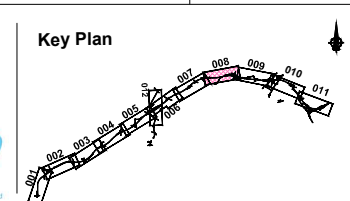
Clients

Comhairle Chontae na Gaillimhe
Galway County Council

Galway City Transport Project

An Roinn Iompair
Turasóireacht agus Spóirt

TIU
Bonnasair Iompair Éireann



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Job Title

N6 Galway City Ring Road

Scale

H 1:5000 / V 1:500 @ A3

Date:

September 2018

I1	28/09/2018	KJ	CM	JC
Issue	Date	By	Chkd	Appd

Drawing Title

Ground Investigation Plan & Profile
Mainline Plan / Profile - CH.10+550 to CH.12+200
Sheet 8 of 12

Drawing Status

For Information

Job No

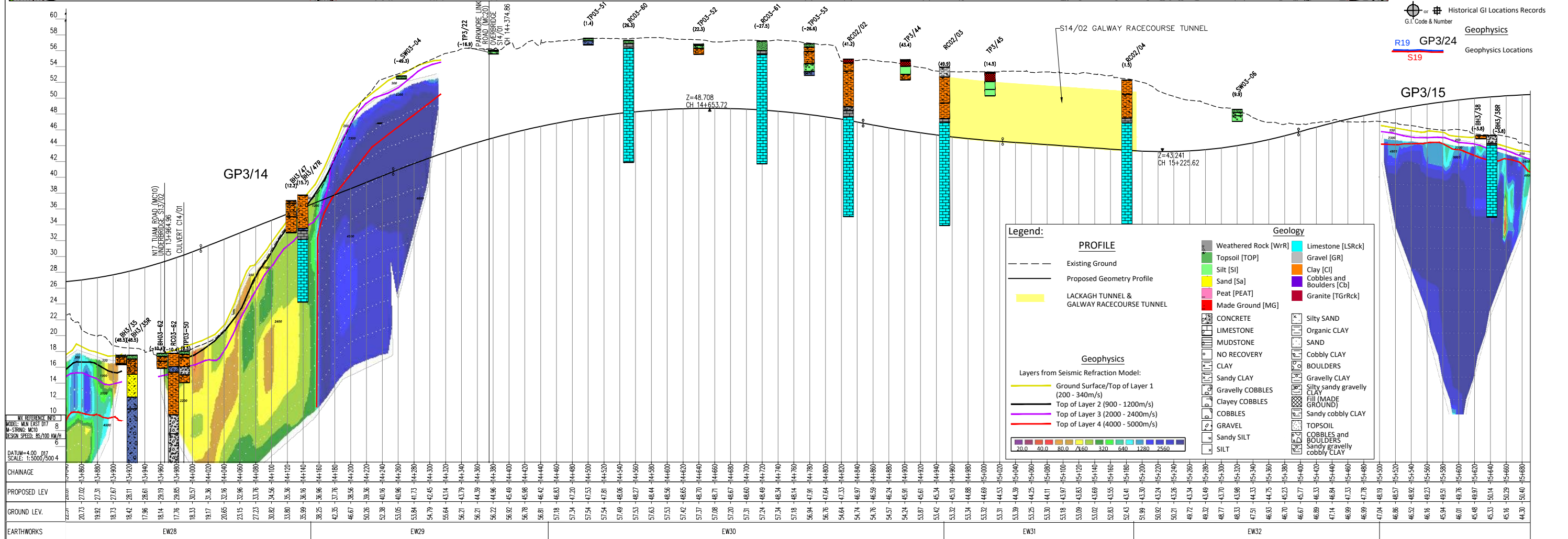
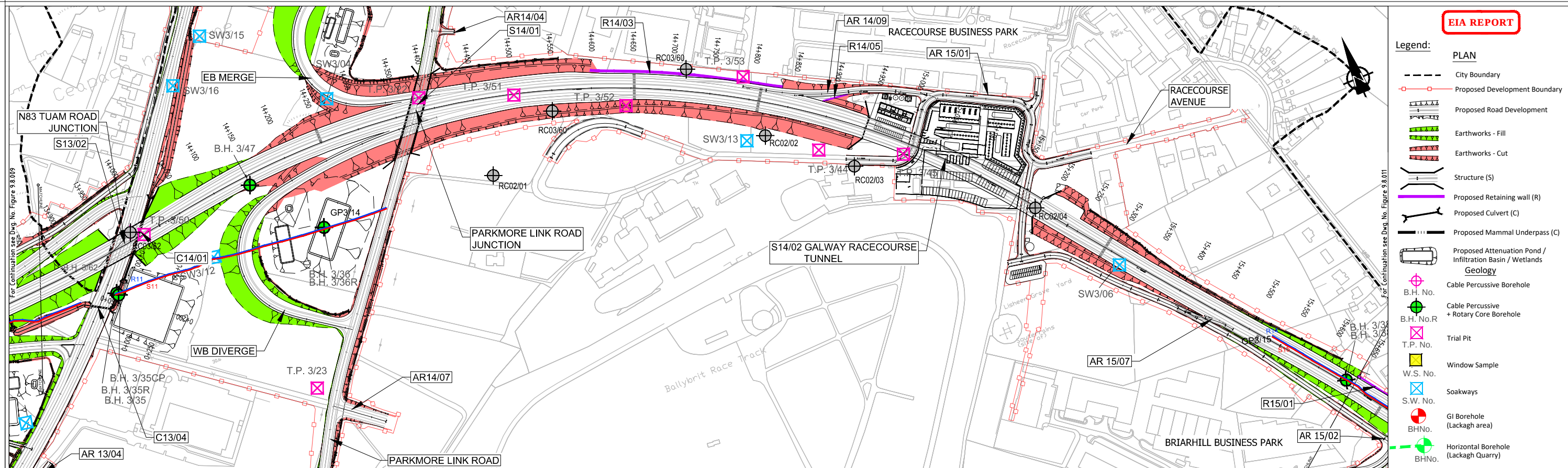
233985

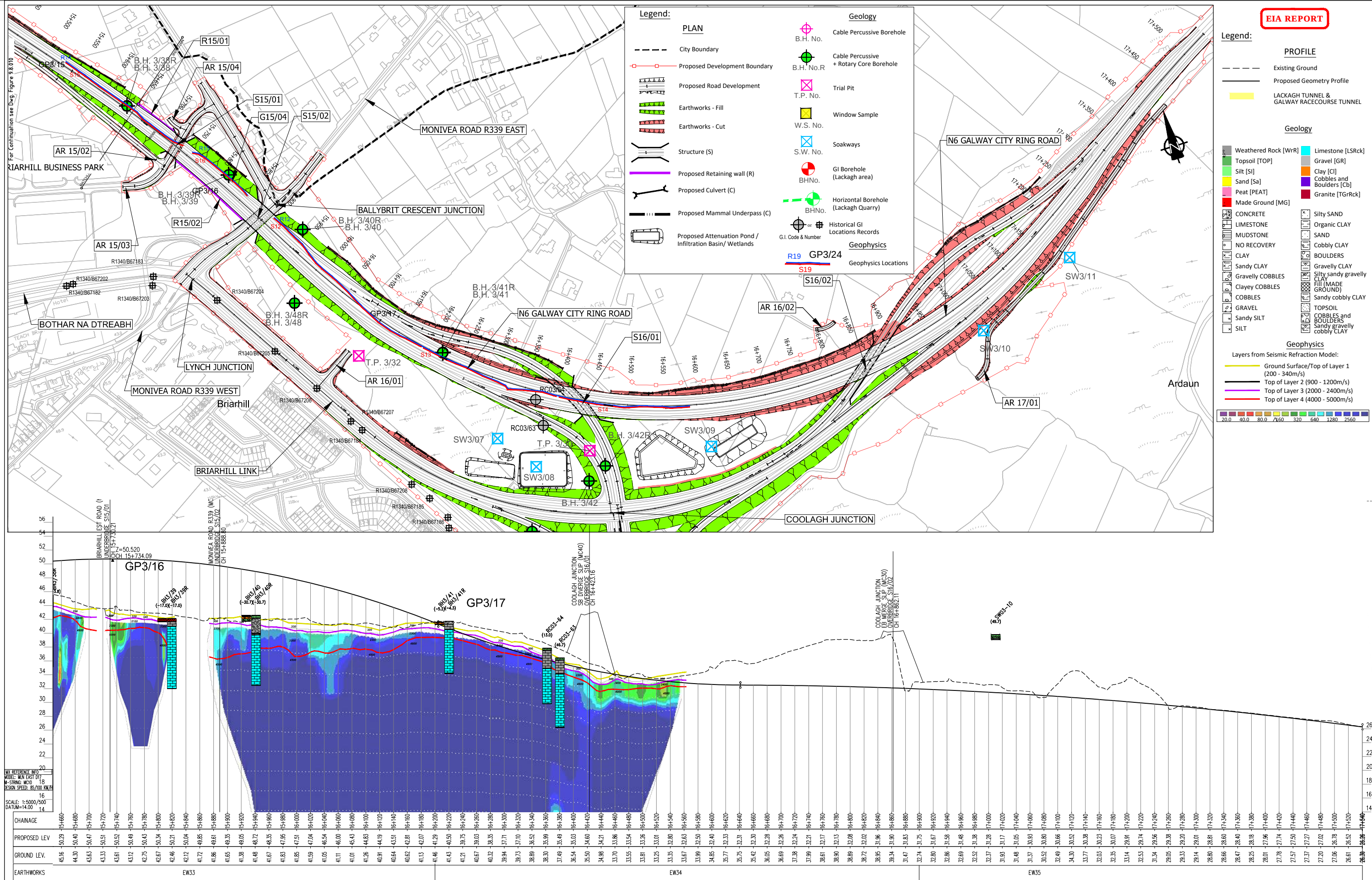
Drawing No

Figure 9.8.008

Issue

11



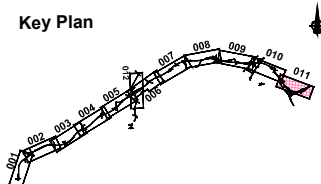


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Job Title
N6 Galway City Ring Road

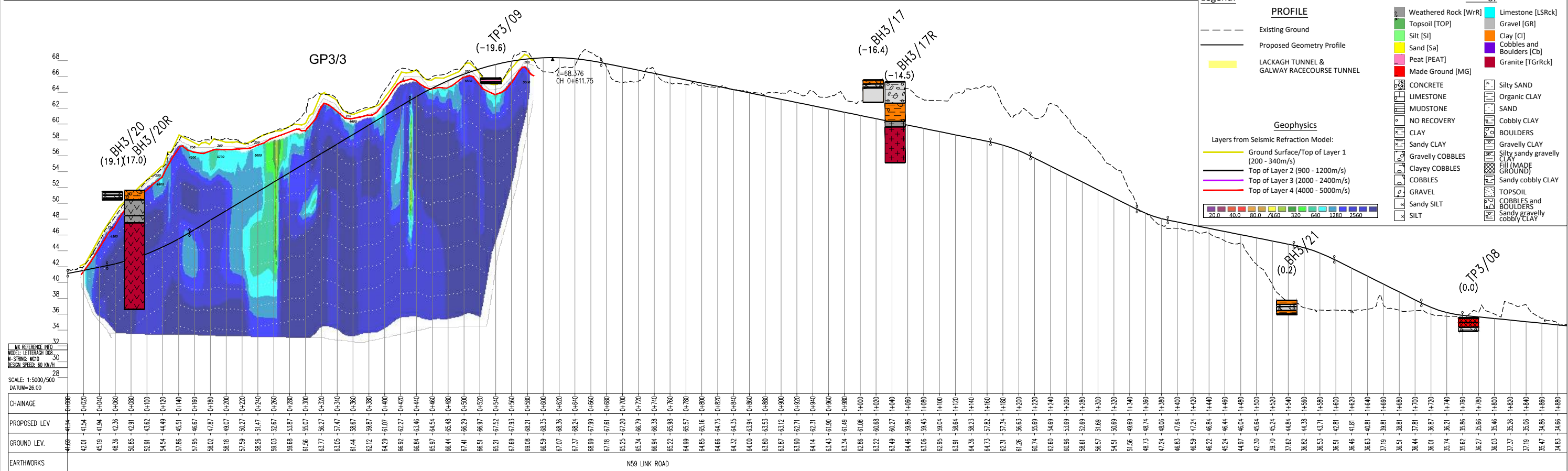
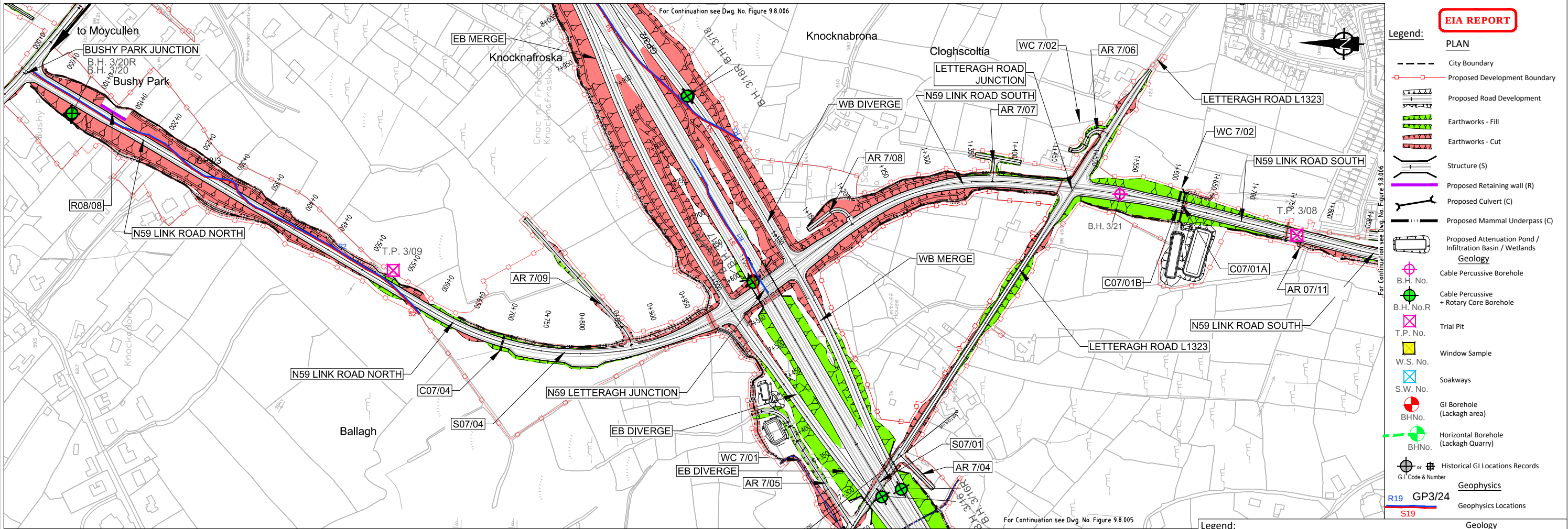
Scale H 1:5000 / V 1:500 @ A3
Date: September 2018

I1	28/09/2018	KJ	CM	JC
Issue	Date	By	Chkd	Appd

Drawing Title
Ground Investigation Plan & Profile
Mainline Plan/Profile - CH.15+650 to CH.17+540
Sheet 11 of 12

For Information

Job No 233985	Drawing No Figure 9.8.011	Issue I1
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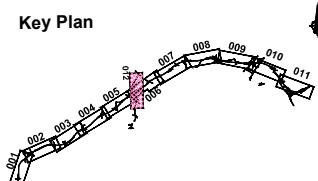
Clients

Comhairle Chontae na Gaillimhe
Galway County Council

Galway City Transport Project

An Roinn Iompair
Turasoireacht agus Sport

TII
Bonneagair Iompair Éireann
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Job Title

N6 Galway City Ring Road

Scale

H 1:5000 / V 1:500 @ A3

Date:

September 2018

Issue	Date	By	Chkd	Appd
1.	28/09/2018	KJ	CM	JC

Drawing Title

Ground Investigation Plan & Profile
N59 Plan/Profile - Mainline CH.7+570
Sheet 12 of 12

Drawing Status

For Information

Job No
233985

Drawing No
Figure 9.8.012

Issue
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