

WICKLOW PORT ACCESS ROAD LINK
PART 8 PLANNING APPLICATION
DRAWINGS

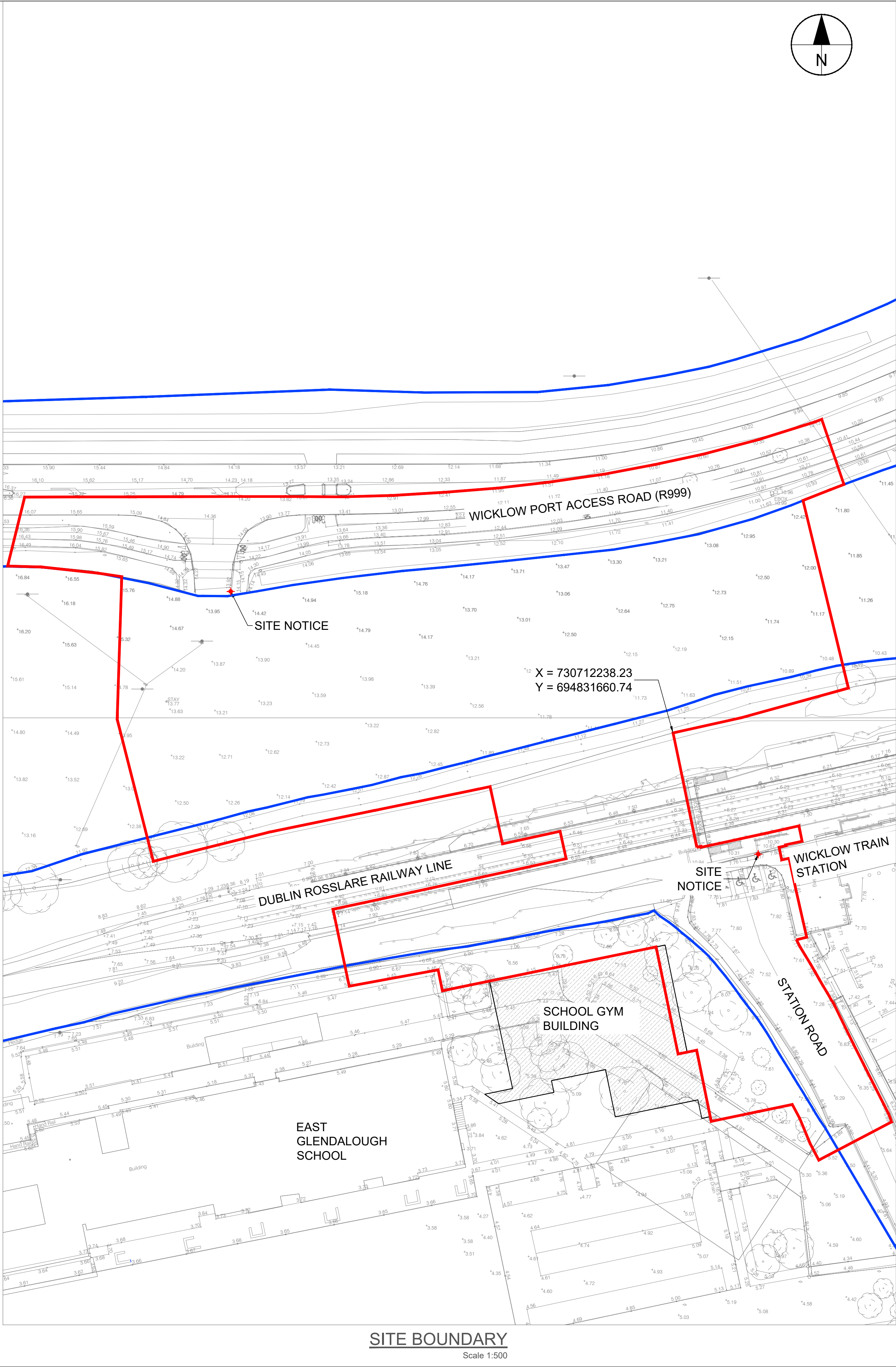
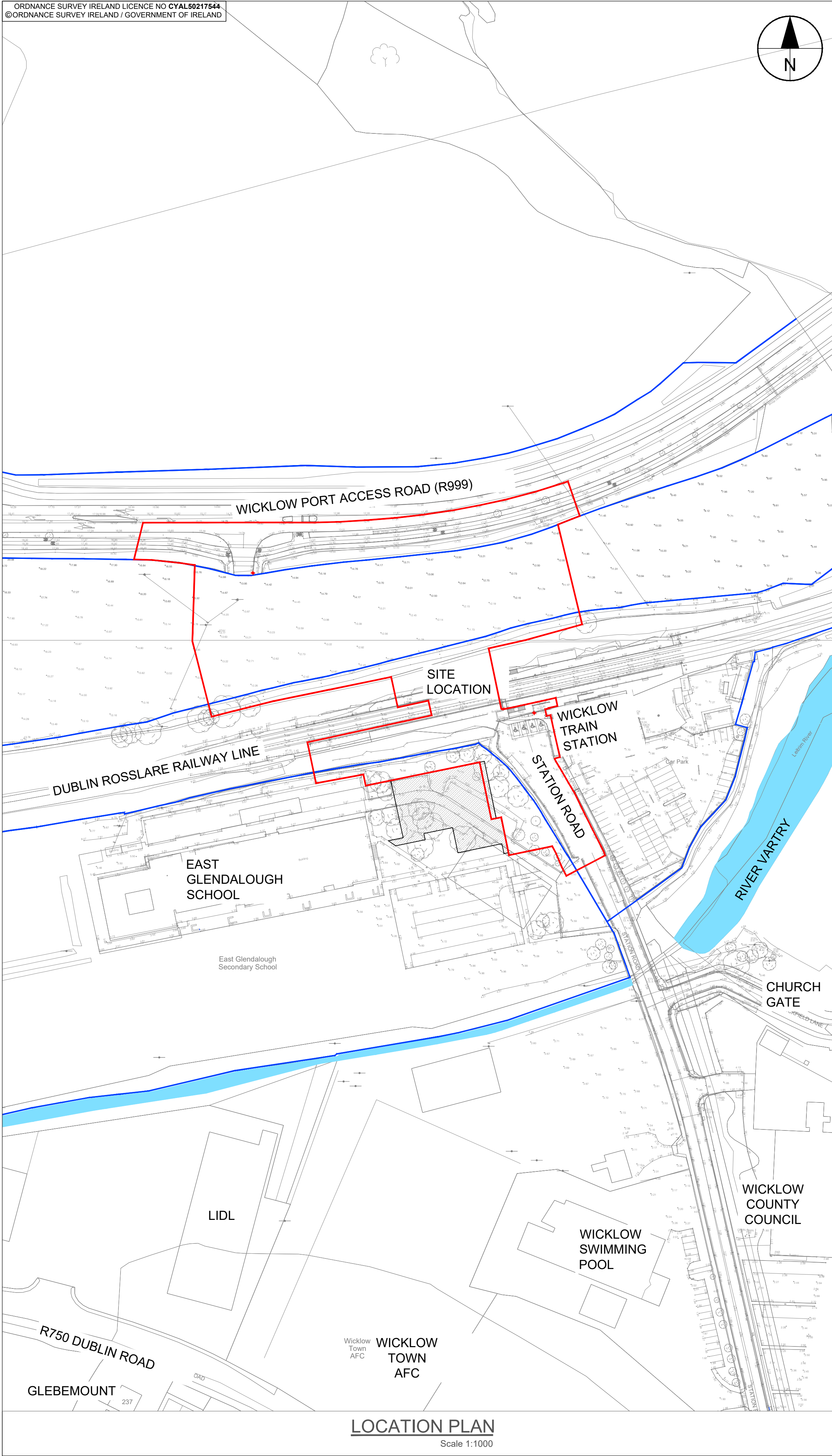


WPAR-ACM-GEN-SW-DR-ZZ-0001	SITE BOUNDARY	WPAR-ACM-HGN-SW-DR-CH-1005	ROAD SECTIONS
WPAR-ACM-GEN-SW-DR-ZZ-0002	TOPOGRAPHICAL SURVEY	WPAR-ACM-GEN-SW-DR-CH-1006	CUT AND FILL ANALYSIS
WPAR-ACM-VUT-SW-DR-CU-0001	EXISTING SERVICES	WPAR-ACM-HGN-SW-DR-CH-1007	SWEPT PATH ANALYSIS
WPAR-ACM-HGT-SW-DR-GI-0001	GROUND INVESTIGATION	WPAR-ACM-GEN-SW-DR-CH-1008	ACCOMMODATION WORKS
WPAR-ACM-HGN-SW-DR-CH-1000	GENERAL ARRANGEMENT	WPAR-ACM-HGN-SW-DR-CH-2001	DRAINAGE
WPAR-ACM-HGN-SW-DR-CH-1001	ROAD ALIGNMENT	WPAR-ACM-HLG-SW-DR-EO-1001	PUBLIC LIGHTING
WPAR-ACM-HGN-SW-DR-CH-1002	ROAD PROFILES SHEET 1 OF 2	WPAR-ACM-SBR-SW-DR-CB-3001	STRUCTURES PLAN
WPAR-ACM-HGN-SW-DR-CH-1003	ROAD PROFILES SHEET 2 OF 2	WPAR-ACM-SBR-SW-DR-CB-3002	STRUCTURES GENERAL ARRANGEMENT
WPAR-ACM-HGN-SW-DR-CH-1004	ROAD SECTION LOCATIONS		



File name: L:\LEGACY\IEDB\2\F001\DATA\DCS\PROJECTS\CI60647343_WPARLINK900_CAD_GIS\910_CAD30 - SHEETS\WPAR-ACM-GEN-SW-DR-ZZ-0001-P02 SITE BOUNDARY.DWG
Last saved by: RODGERSON Last Plotted: 2024-10-09

ISO A1 594mm x 841mm
Approved: NR
Checked: AC
Designer: CM
Project Management Initials:



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. All measurements must be obtained from the stated dimensions.

AECOM

PROJECT

WICKLOW PAR LINK

CLIENT

NTA
Údarás Náisiúnta Iompair
National Transport Authority

CONSULTANT

AECOM
4th FLOOR ADELPHI PLAZA
GEORGE'S STREET UPPER
DUN LAOGHAIRE, CO. DUBLIN
Tel: +353-1-238-3100
www.aecom.com

NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
- DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
- ALL DIMENSIONS ARE IN MILLIMETRES. ALL CHAINAGES, LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

LEGEND

LAND BOUNDARY —

SITE BOUNDARY —

LOCATION OF SITE NOTICE +

ISSUE/REVISION

P02	OCT 2024	ISSUED FOR PLANNING
P01	OCT 2024	ISSUED FOR PLANNING
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60647343

SHEET TITLE

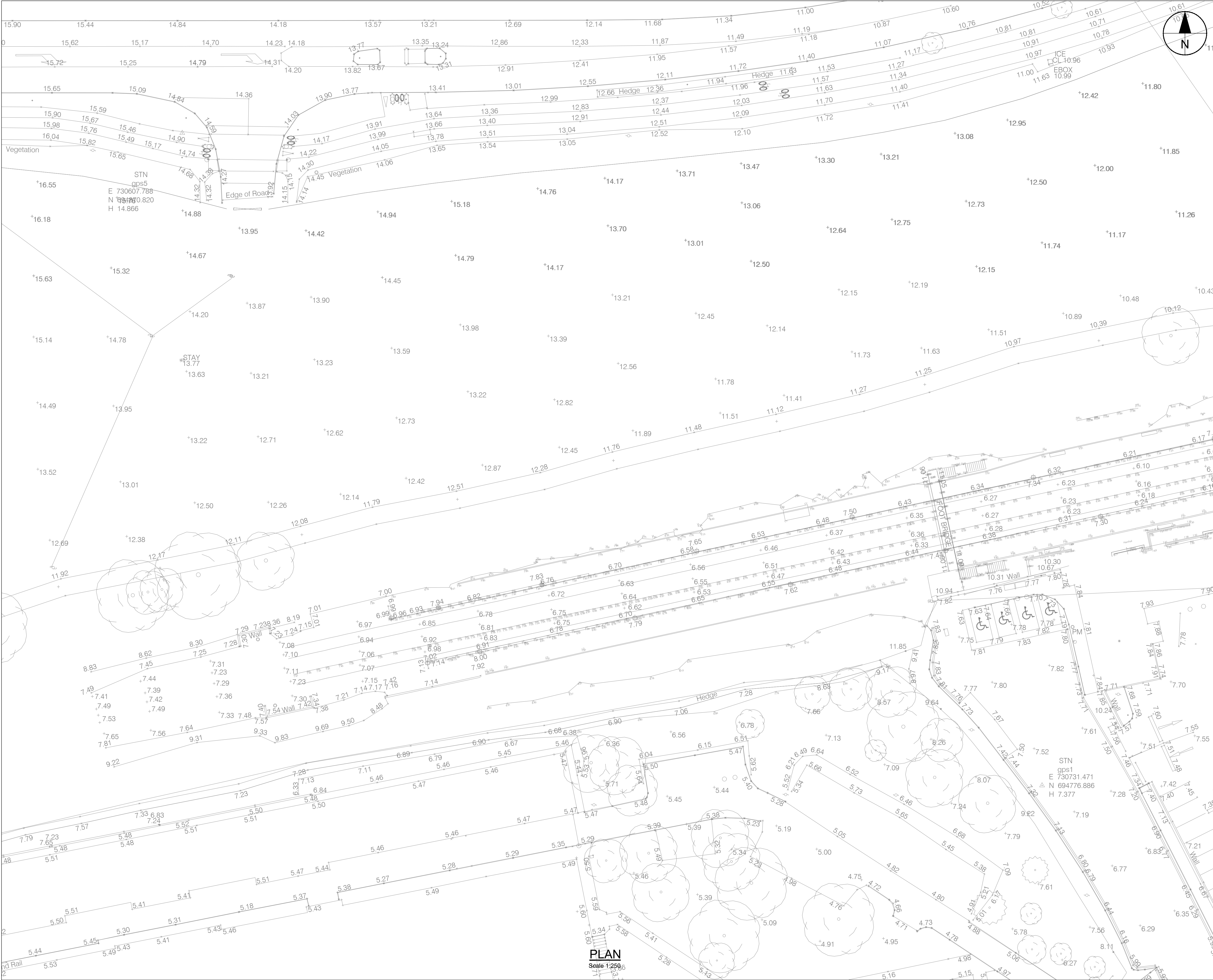
WICKLOW PAR LINK
SITE BOUNDARY

SHEET NUMBER

WPAR-ACM-GEN-SW-DR-ZZ-0001

ISO A1 594mm x 841mm
Approved: NR
Checked: AC
Designer: CM
Project Management Initials:

File name: L:\LEGACY\IEDB\001\DATA\DCS\PROJECTS\CI60647343_WPARLINK900_CAD_GIS\010_CAD\3D0 - SHEETS\WPAC-GEN-SW-DR-ZZ-0002-P02 TOPO SURVEY.DWG
Last saved by: RODGERSN Last Plotted: 2024-10-09



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. All measurements must be obtained from the stated dimensions.



PROJECT

WICKLOW PAR LINK

CLIENT



CONSULTANT

AECOM
4th FLOOR ADELPHI PLAZA
GEORGE'S STREET UPPER
DUN LAOGHAIRE, CO. DUBLIN
Tel: +353-1-238-3100
www.aecom.com

NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
- DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
- ALL DIMENSIONS ARE IN MILLIMETRES, ALL CHAINAGES. LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

ISSUE/REVISION

P02	OCT 2024	ISSUED FOR PLANNING
P01	OCT 2024	ISSUED FOR PLANNING
I/R	DATE	DESCRIPTION

PROJECT NUMBER

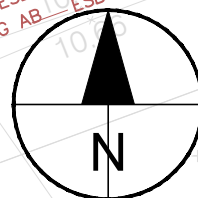
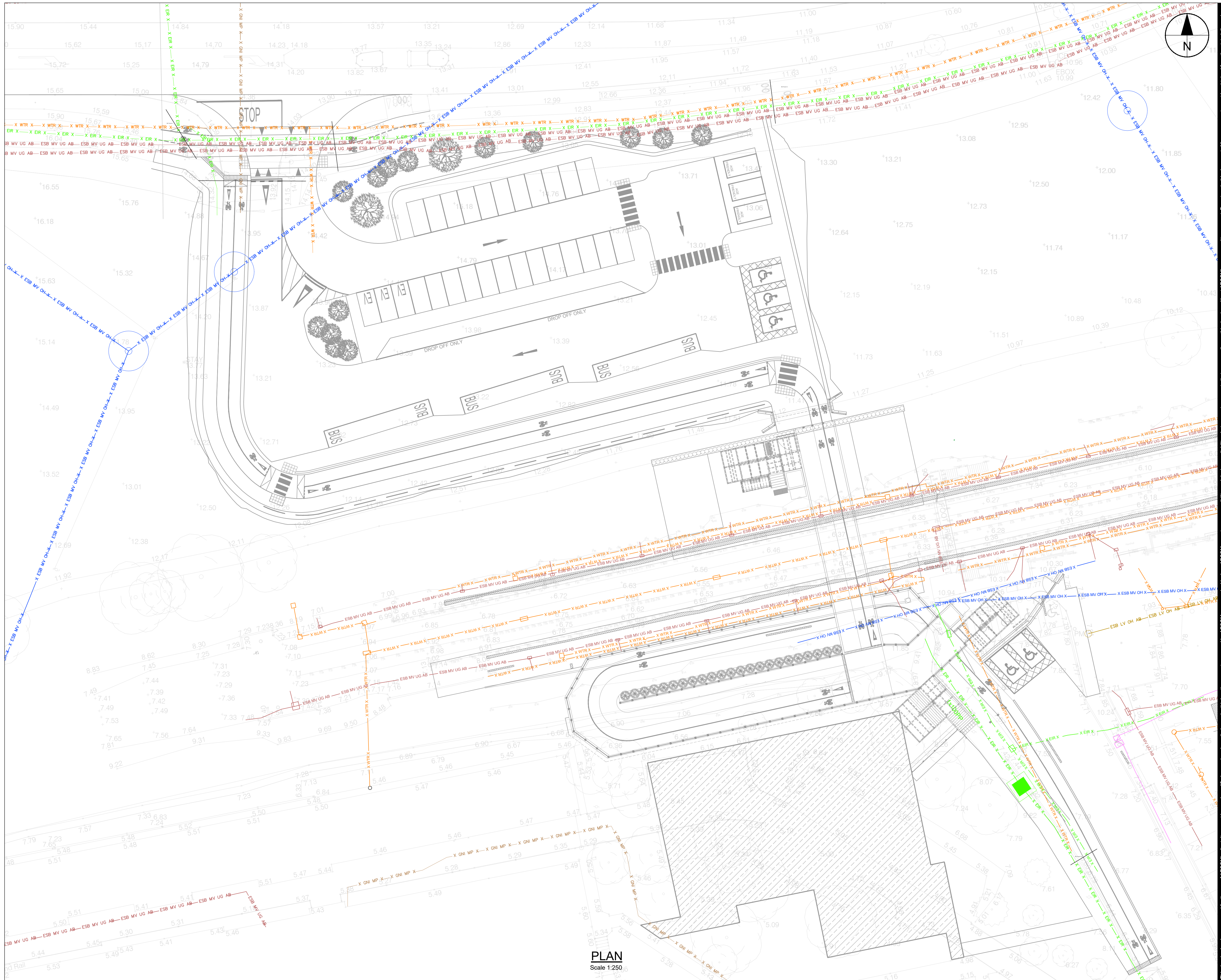
60647343

SHEET TITLE

WICKLOW PAR LINK
TOPOGRAPHICAL SURVEY

SHEET NUMBER

WPAC-ACM-GEN-SW-DR-ZZ-0002

**AECOM**

PROJECT

WICKLOW PAR LINK

CLIENT



CONSULTANT

AECOM
4th FLOOR ADELPHI PLAZA
GEORGE'S STREET UPPER
DUN LAOGHAIRE, CO. DUBLIN
Tel: +353-1-238-3100
www.aecom.com

NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
2. DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
3. ALL DIMENSIONS ARE IN MILLIMETRES, ALL CHAINAGES, LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

LEGEND

- | | |
|-------------------|--------------------------------|
| — X WTR X — | EXISTING WATER |
| — X GNI MP X — | EXISTING GAS |
| — X EIR X — | EXISTING EIR |
| — X VM X — | EXISTING VIRGIN MEDIA |
| — X ESB MV OH X — | EXISTING ESB MV OVERHEAD |
| — ESB LV OH AB — | EXISTING ESB LV OVERHEAD |
| — ESB MV UG AB — | EXISTING ESB MV/LV UNDERGROUND |

ISSUE/REVISION

P02	OCT* 2024	ISSUED FOR PLANNING
P01	OCT* 2024	ISSUED FOR PLANNING
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60647343

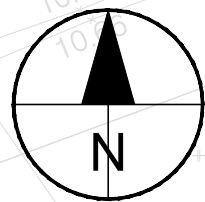
SHEET TITLE

WICKLOW PAR LINK
EXISTING SERVICES

SHEET NUMBER

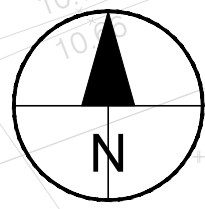
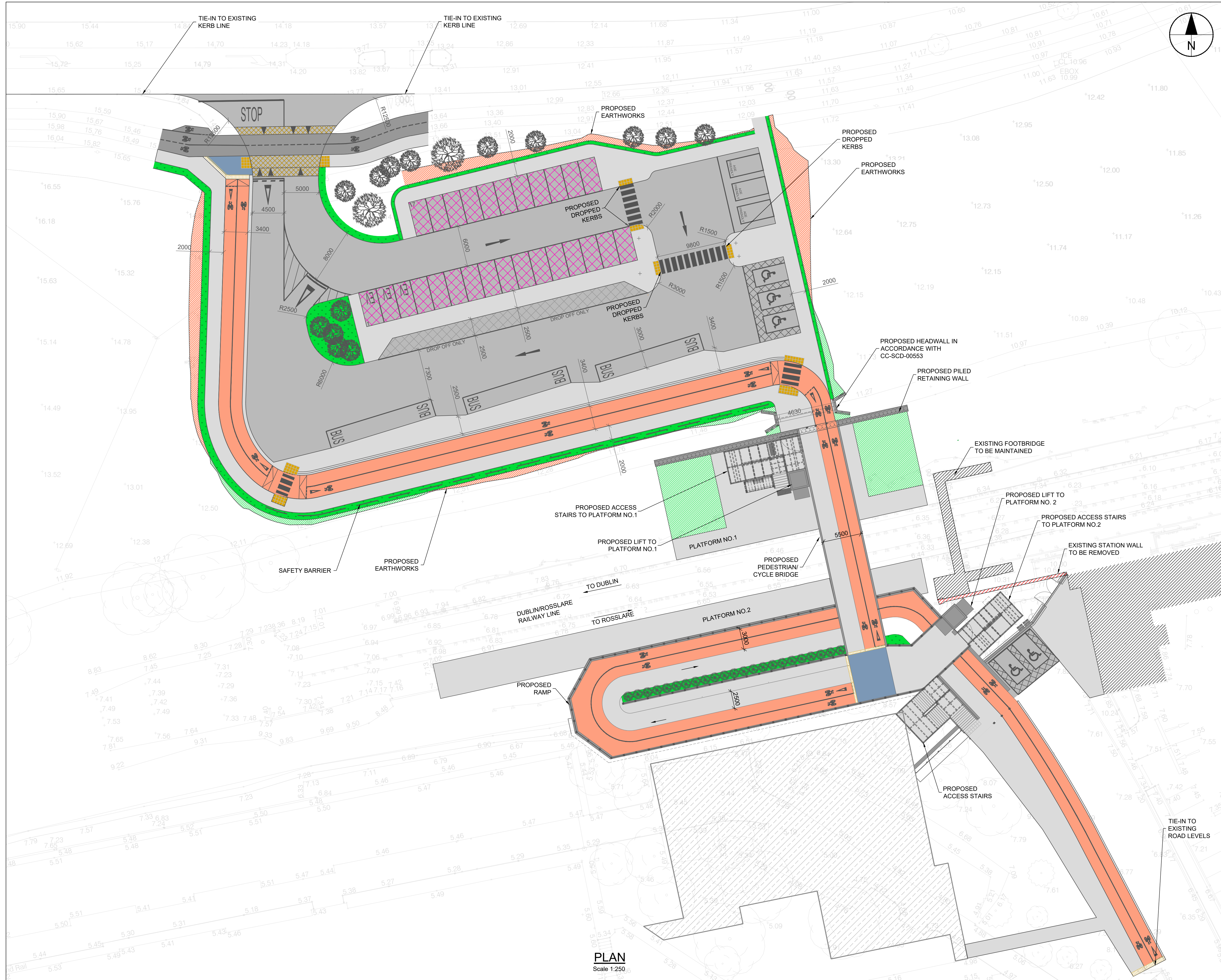
WPAR-ACM-VUT-SW-DR-CU-0001

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



PLAN
Scale 1:250



**AECOM**

PROJECT

WICKLOW PAR LINK

CLIENT



CONSULTANT

AECOM
4th FLOOR ADELPHI PLAZA
GEORGE'S STREET UPPER
DUN LAOGHAIRE, CO. DUBLIN
Tel: +353-1-238-3100
www.aecom.com

NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
2. DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
3. ALL DIMENSIONS ARE IN MILLIMETRES, ALL CHAINAGES, LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

LEGEND

	PROPOSED ROAD
	PROPOSED FOOTPATH
	PROPOSED CYCLE TRACK
	PROPOSED PORT ACCESS ROAD CYCLE TRACK
	PROPOSED SHARED AREA
	PROPOSED RAISED RAMP
	PROPOSED DROP OFF SPACES
	PROPOSED SET-DOWN SPACES
	PROPOSED VERGE/LANDSCAPING
	PROPOSED EMBANKMENT
	PROPOSED CUTTING
	CORDUROY HAZARD PAVING
	UNCONTROLLED CROSSING TACTILE PAVING

ISSUE/REVISION

P02	OCT' 2024	ISSUED FOR PLANNING
P01	OCT' 2024	ISSUED FOR PLANNING
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60647343

SHEET TITLE

WICKLOW PAR LINK GENERAL ARRANGEMENT

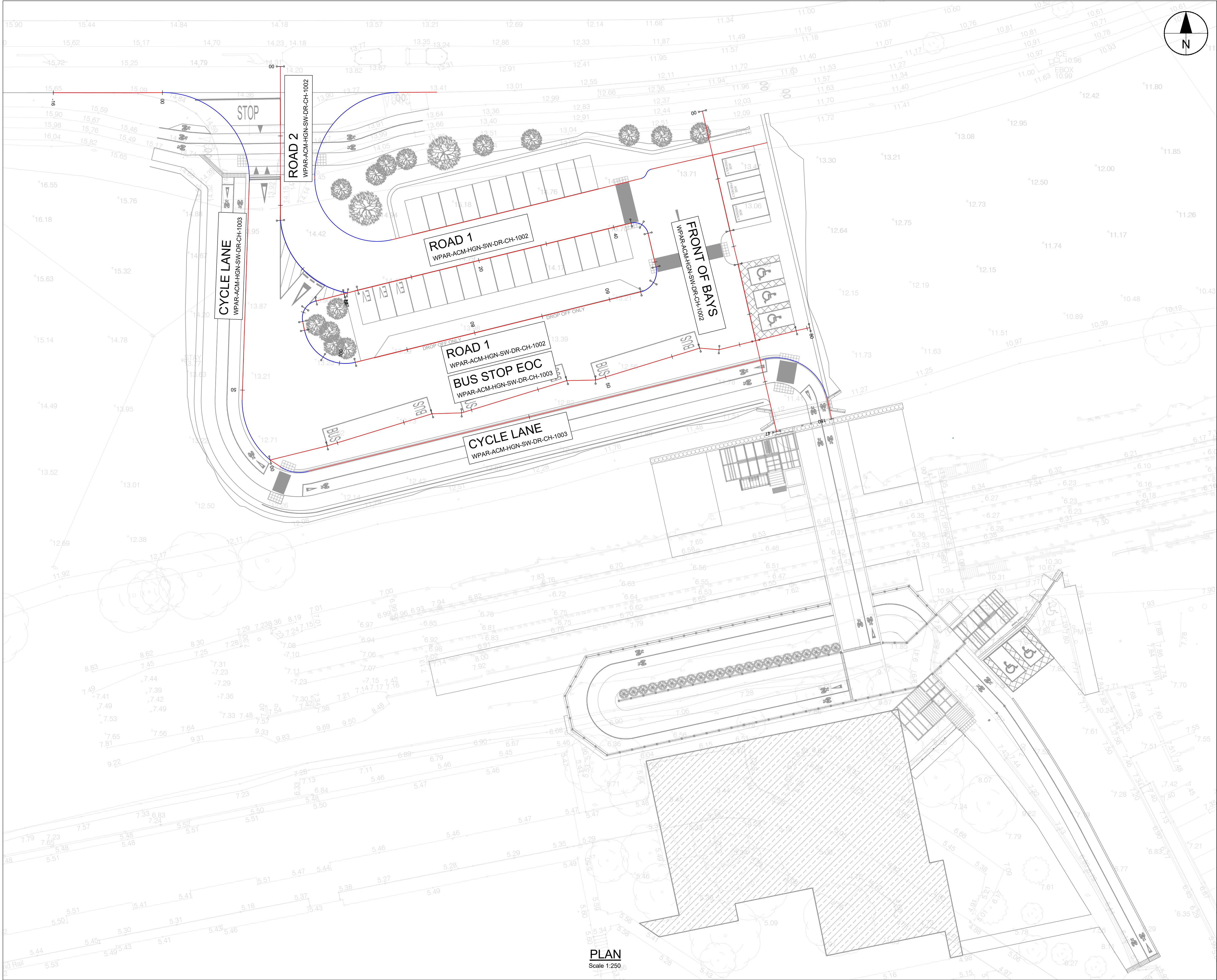
SHEET NUMBER

WPAR-ACM-HGN-SW-DR-CH-1000

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing, without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

File name: L:\LEGACY\IEDB\2P001\DATA\DCS\PROJECTS\CI60647343_WPARLINK\900_CAD_GIS\910_CAD\300 - SHEETS\WPAR-ACM-HGN-SW-DR-CH-1001-P02 ROAD ALIGNMENT.DWG
Last saved by: RODGERSN Last Plotted: 2024-10-09

Project Management Initials: Designer: CE Checked: CC Approved: NR ISO A1 594mm x 841mm



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability, whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

AECOM

PROJECT

WICKLOW PAR LINK

CLIENT



CONSULTANT

AECOM
4th FLOOR ADELPHI PLAZA
GEORGE'S STREET UPPER
DUN LAOGHAIRE, CO. DUBLIN
Tel: +353-1-238-3100
www.aecom.com

NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
- DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
- ALL DIMENSIONS ARE IN MILLIMETRES, ALL CHAINAGES, LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

ISSUE/REVISION

P02	OCT 2024	ISSUED FOR PLANNING
P01	OCT 2024	ISSUED FOR PLANNING
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60647343

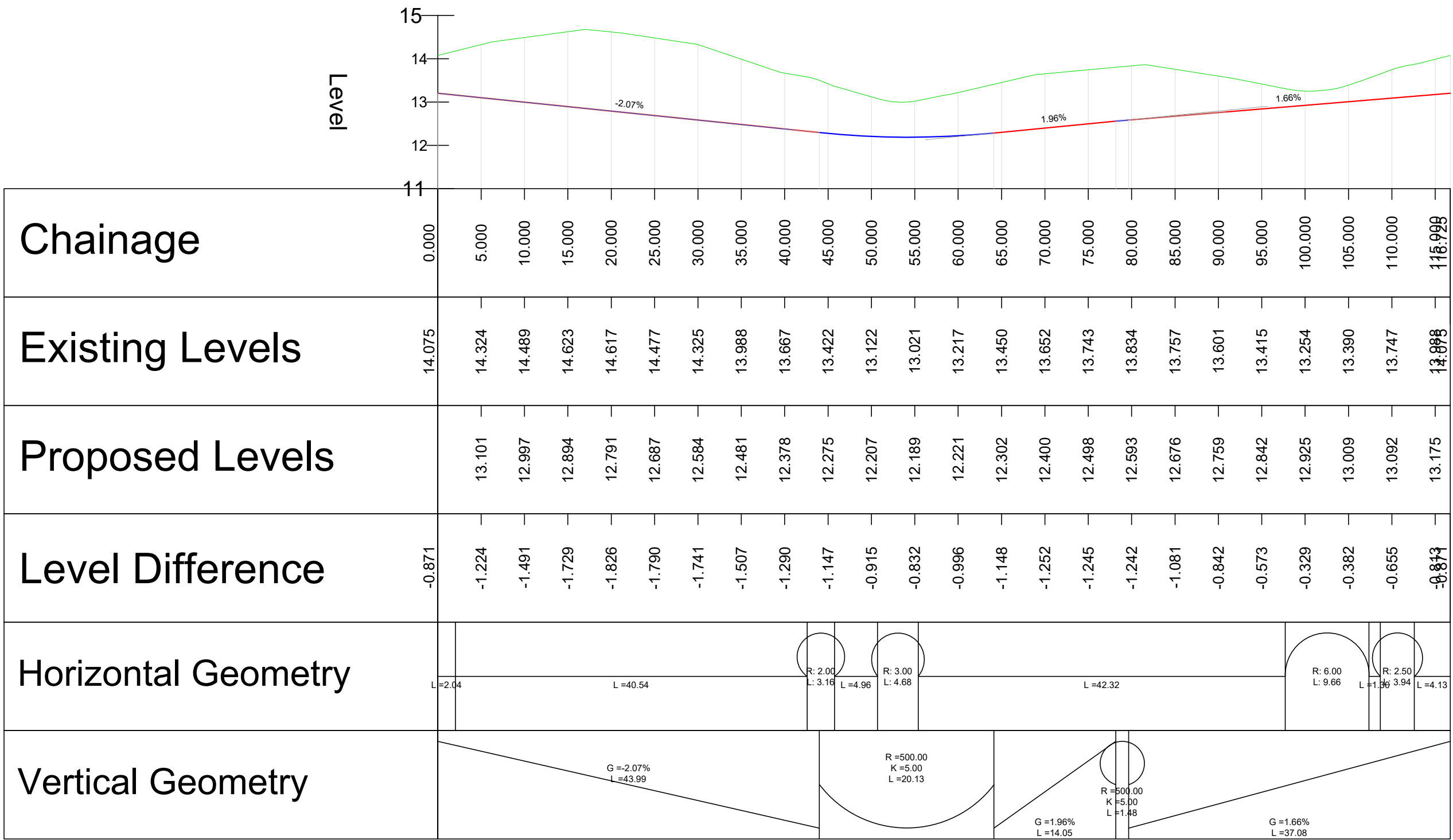
SHEET TITLE

WICKLOW PAR LINK
ROAD ALIGNMENT

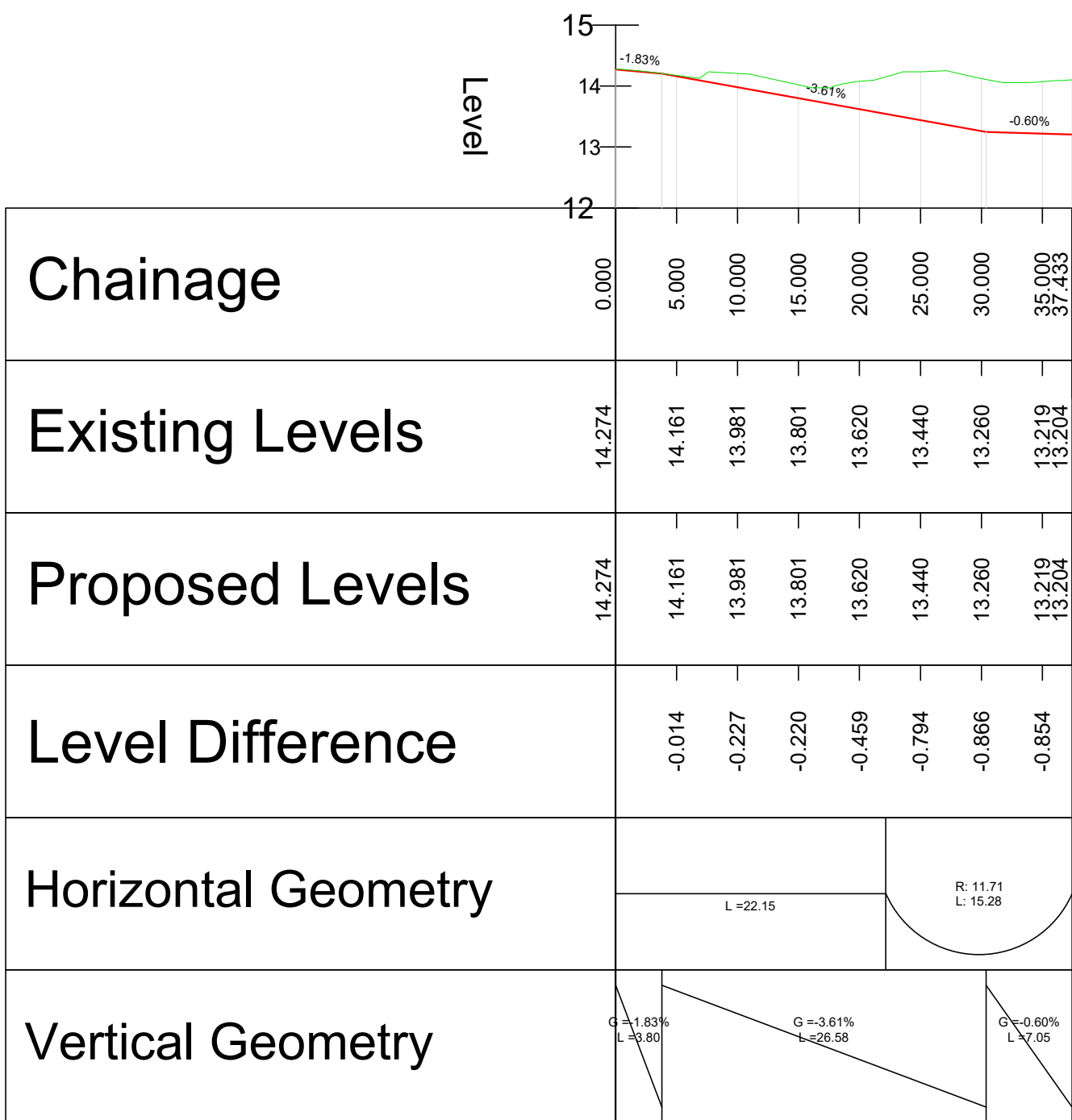
SHEET NUMBER

WPAR-ACM-HGN-SW-DR-CH-1001

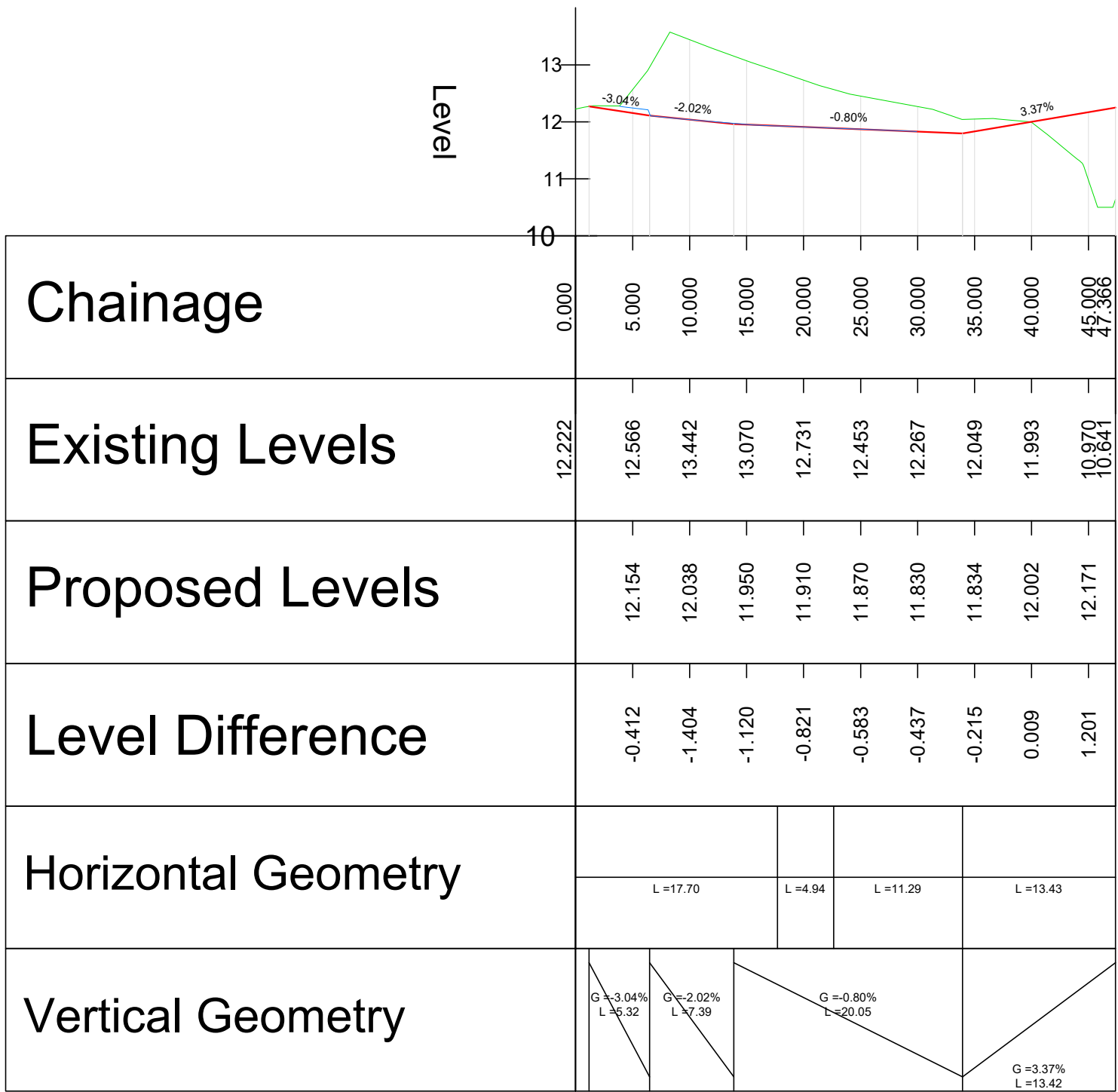
ALIGNMENT - ROAD 1 - LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 11.000



ALIGNMENT - ROAD 2 - LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 12.000



ALIGNMENT - FRONT OF BAYS - LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 10.000



PROJECT

WICKLOW PAR LINK

CLIENT



CONSULTANT

AECOM
4th FLOOR ADELPHI PLAZA
GEORGE'S STREET UPPER
DUN LAOGHAIRE, CO. DUBLIN
Tel: +353-1-238-3100
www.aecom.com

NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
- DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
- ALL DIMENSIONS ARE IN MILLIMETRES, ALL CHAINAGES, LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

ISSUE/REVISION

P02	OCT 2024	ISSUED FOR PLANNING
P01	OCT 2024	ISSUED FOR PLANNING
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60647343

SHEET TITLE

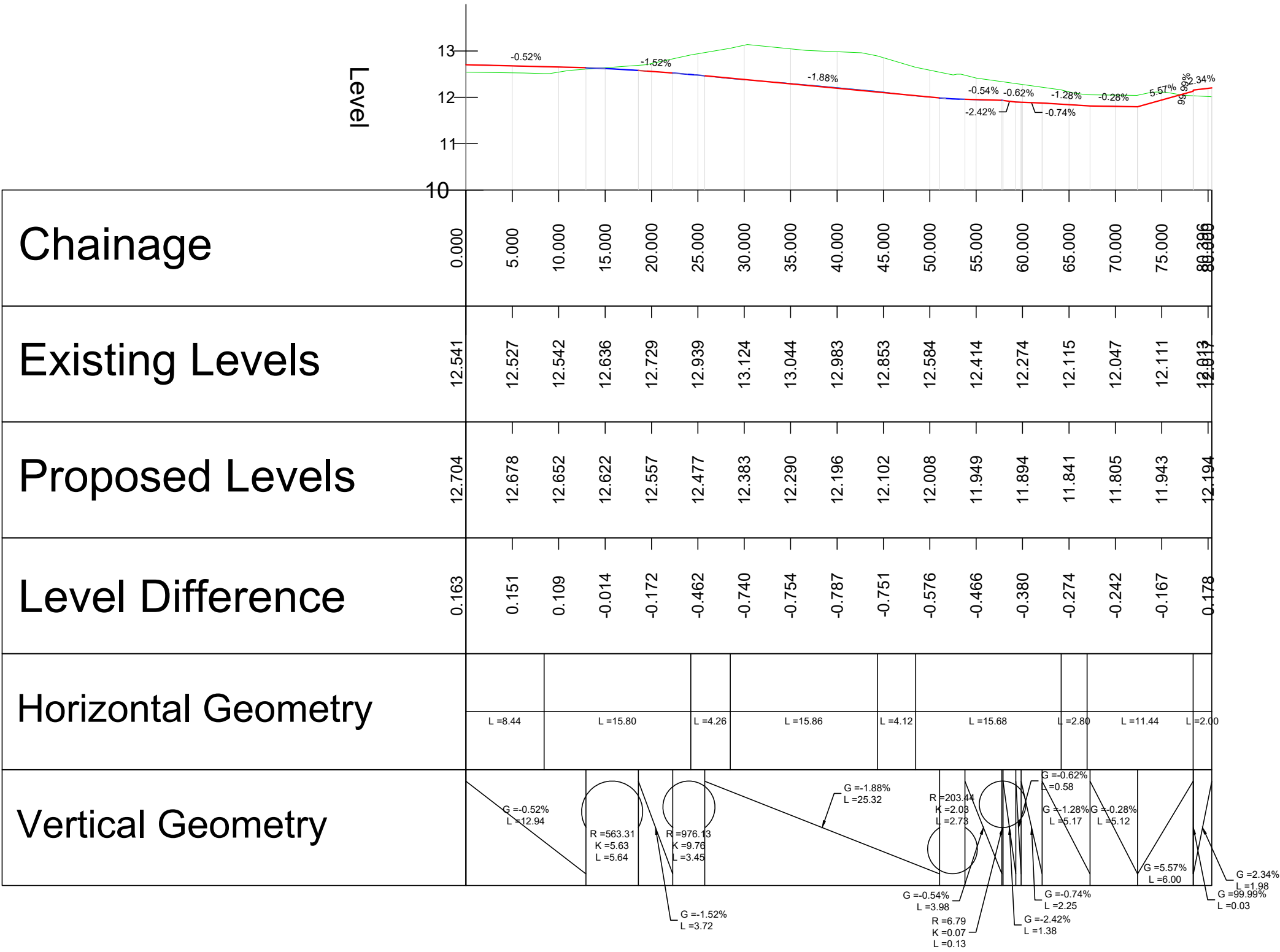
WICKLOW PAR LINK
ROAD PROFILES
SHEET 1 OF 2

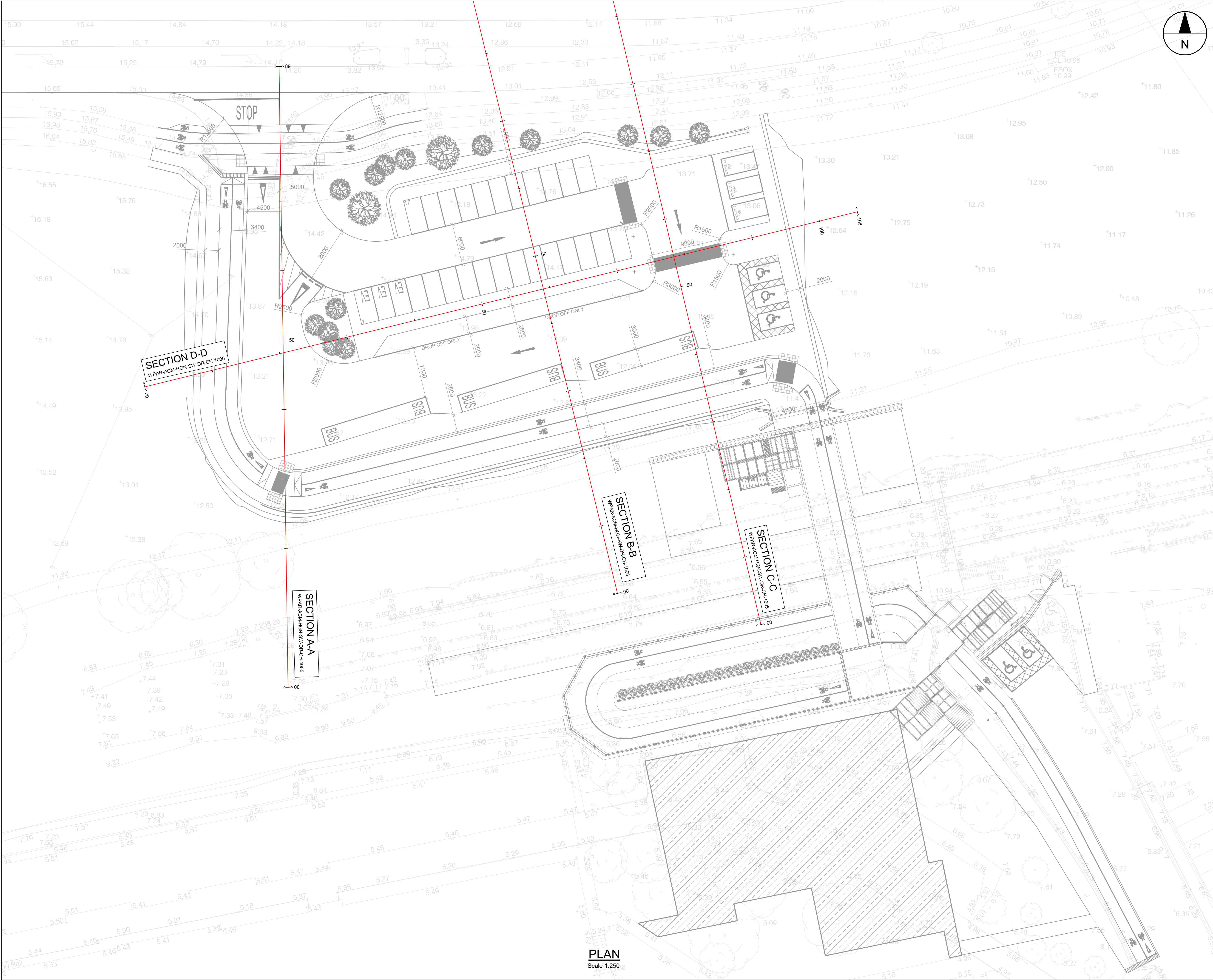
SHEET NUMBER

WPAR-ACM-HGN-SW-DR-CH-1002

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

ALIGNMENT - BUS STOP EOC - LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 10.000





PLAN
Scale 1:250

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability, whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

AECOM

PROJECT

WICKLOW PAR LINK

CLIENT

NTA

Údarás Náisiúnta Iompair

National Transport Authority

CONSULTANT

AECOM
4th FLOOR ADELPHI PLAZA
GEORGE'S STREET UPPER
DUN LAOGHAIRE, CO. DUBLIN
Tel: +353-1-238-3100
www.aecom.com

NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.

2. DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.

3. ALL DIMENSIONS ARE IN MILLIMETRES. ALL CHAINAGES, LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

ISSUE/REVISION

P02	OCT 2024	ISSUED FOR PLANNING
P01	OCT 2024	ISSUED FOR PLANNING
I/R	DATE	DESCRIPTION

PROJECT NUMBER

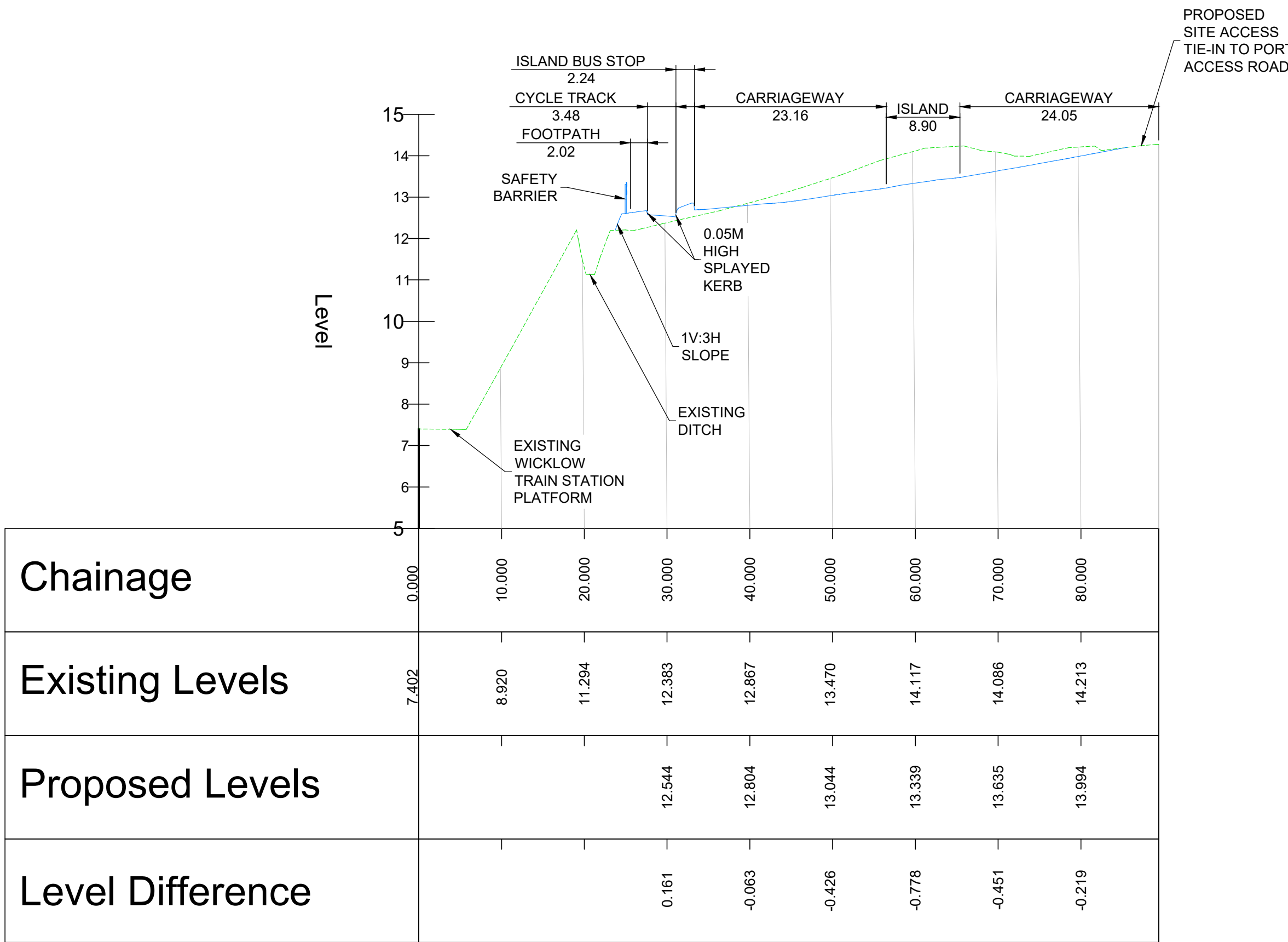
60647343

SHEET TITLE

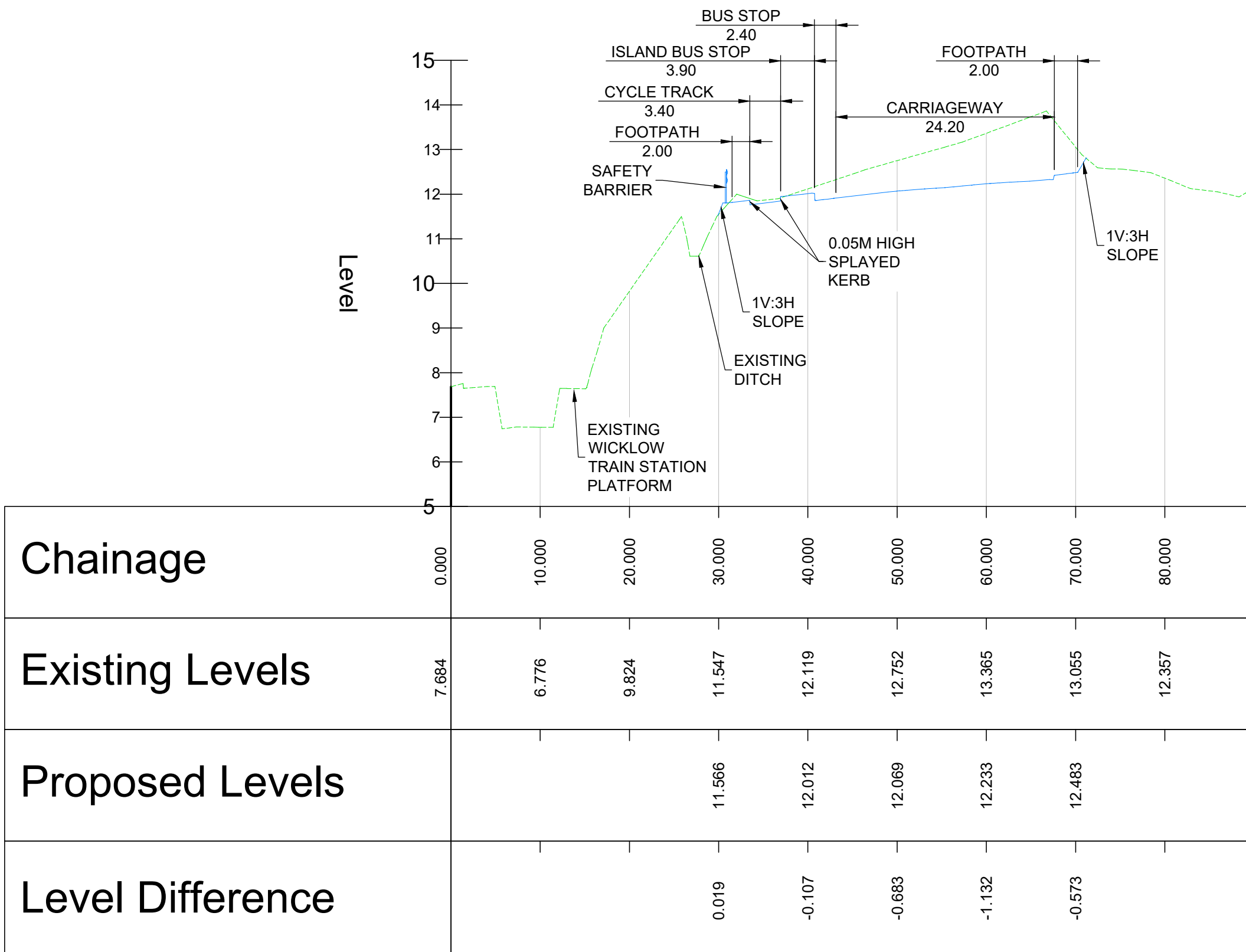
WICKLOW PAR LINK
ROAD SECTION LOCATIONS

SHEET NUMBER

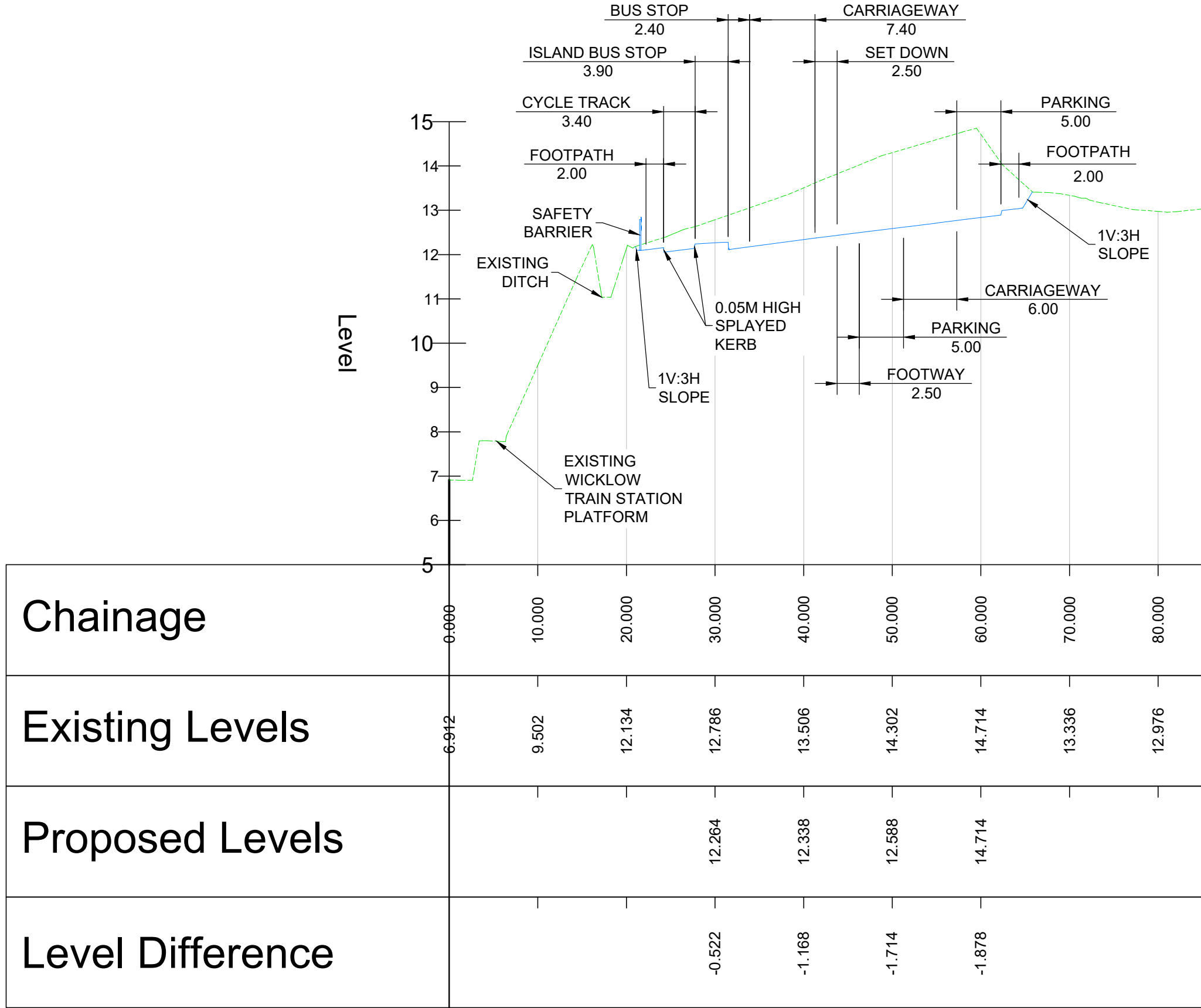
WPAR-ACM-HGN-SW-DR-CH-1004



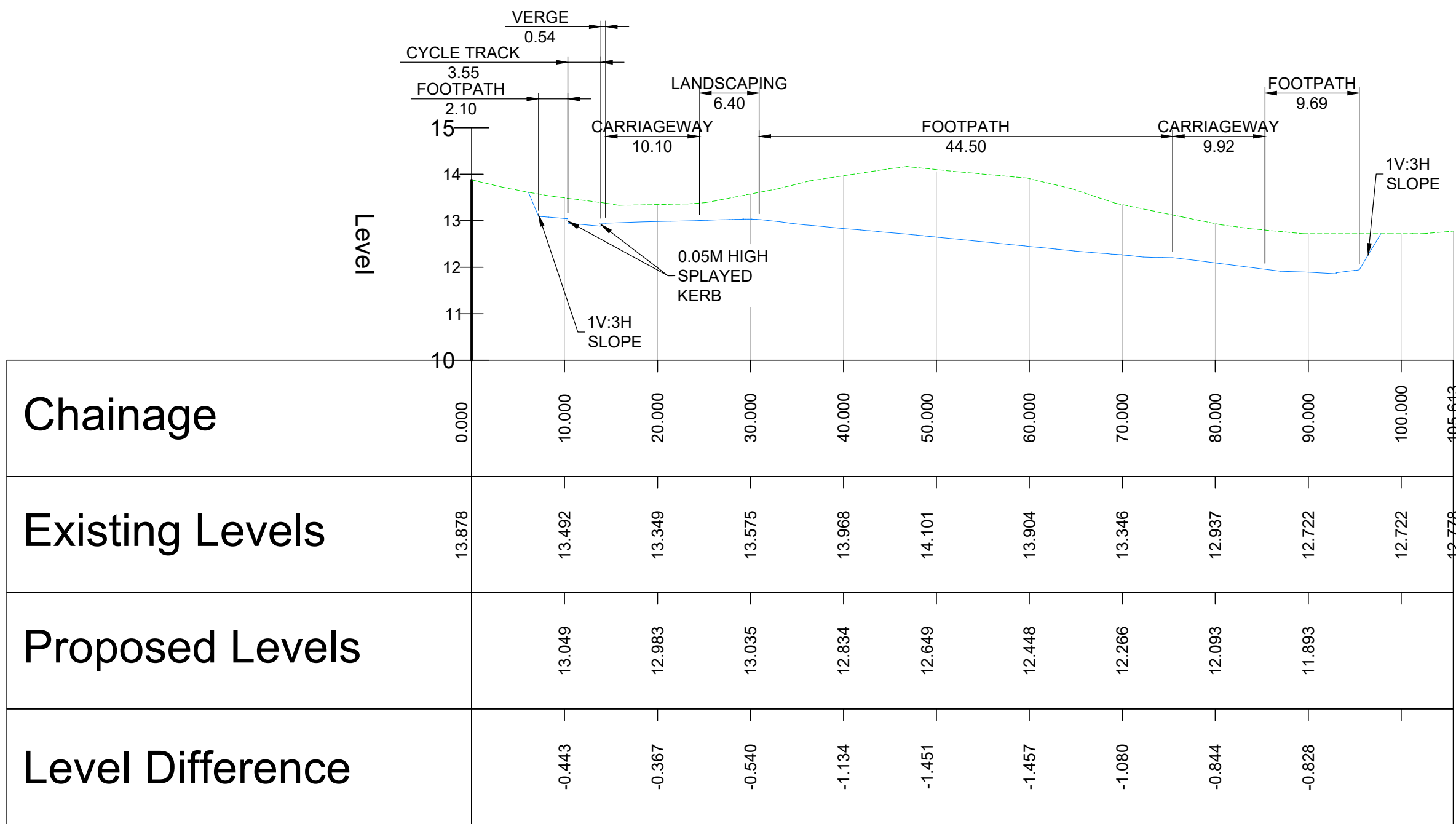
SECTION A-A - LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 5.000



SECTION C-C - LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 5.000



SECTION B-B - LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 5.000

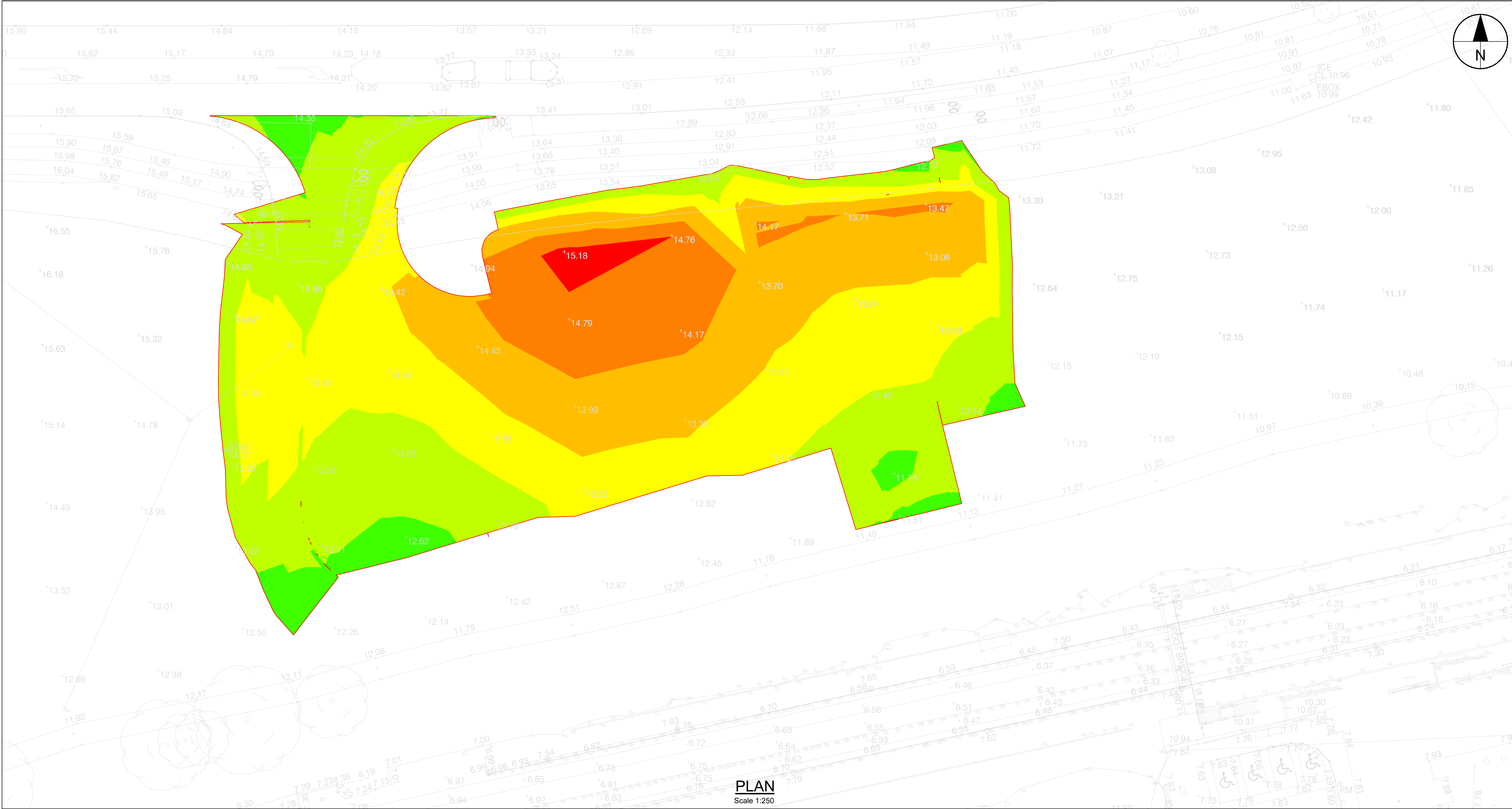


SECTION D-D - LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 10.000



- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
- DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
- ALL DIMENSIONS ARE IN MILLIMETRES, ALL CHAINAGES, LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

P02	OCT 2024	ISSUED FOR PLANNING
P01	OCT 2024	ISSUED FOR PLANNING
I/R	DATE	DESCRIPTION



SURFACE LEVEL DATA			
NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR
1	-3.00	-2.50	Red
2	-2.50	-2.00	Dark Red
3	-2.00	-1.50	Orange
4	-1.50	-1.00	Light Orange
5	-1.00	-0.50	Yellow
6	-0.50	0.00	Light Green
7	0.00	0.50	Green
8	0.50	1.00	Dark Green

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2D Area	Cut	Fill	Net
Surface - Cut Fill Surface	1.000	1.000	4129.527sq.m	2820.651 Cu. M.	92.270 Cu. M.	2728.381 Cu. M.<Cut>
Totals			4129.527sq.m	2820.651 Cu. M.	92.270 Cu. M.	2728.381 Cu. M.<Cut>

AECOM

PROJECT

WICKLOW PAR LINK

CLIENT

NTA

Údarás Náisiúnta Iompair

National Transport Authority

CONSULTANT

AECOM
4th FLOOR ADELPHI PLAZA
GEORGE'S STREET UPPER
DUN LAOGHAIRE, CO. DUBLIN
Tel: +353-1-238-3100
www.aecom.com

NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.

2. DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.

3. ALL DIMENSIONS ARE IN MILLIMETRES, ALL CHAINAGES, LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

ISSUE/REVISION

P02	OCT 2024	ISSUED FOR PLANNING
P01	OCT 2024	ISSUED FOR PLANNING
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60647343

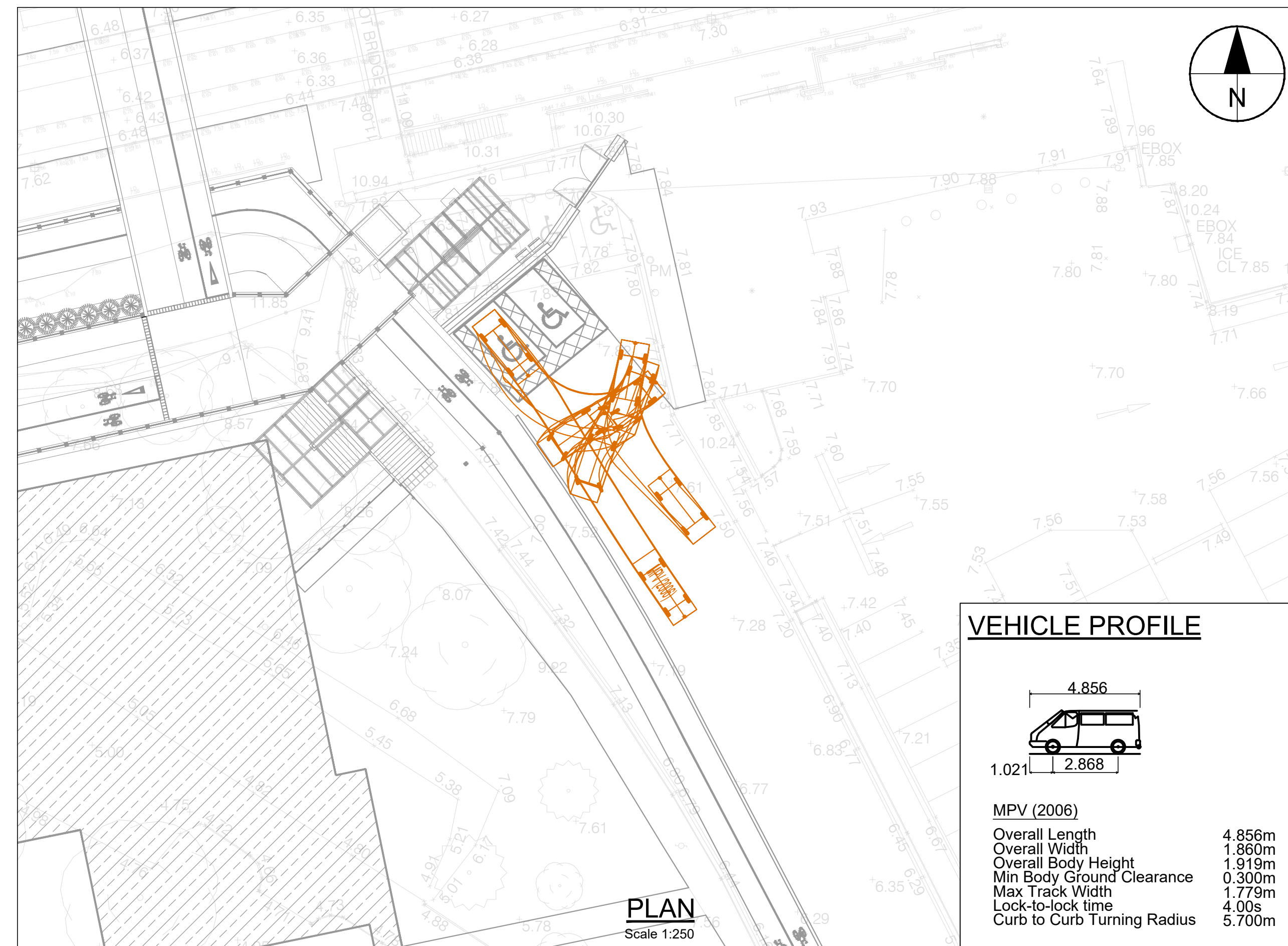
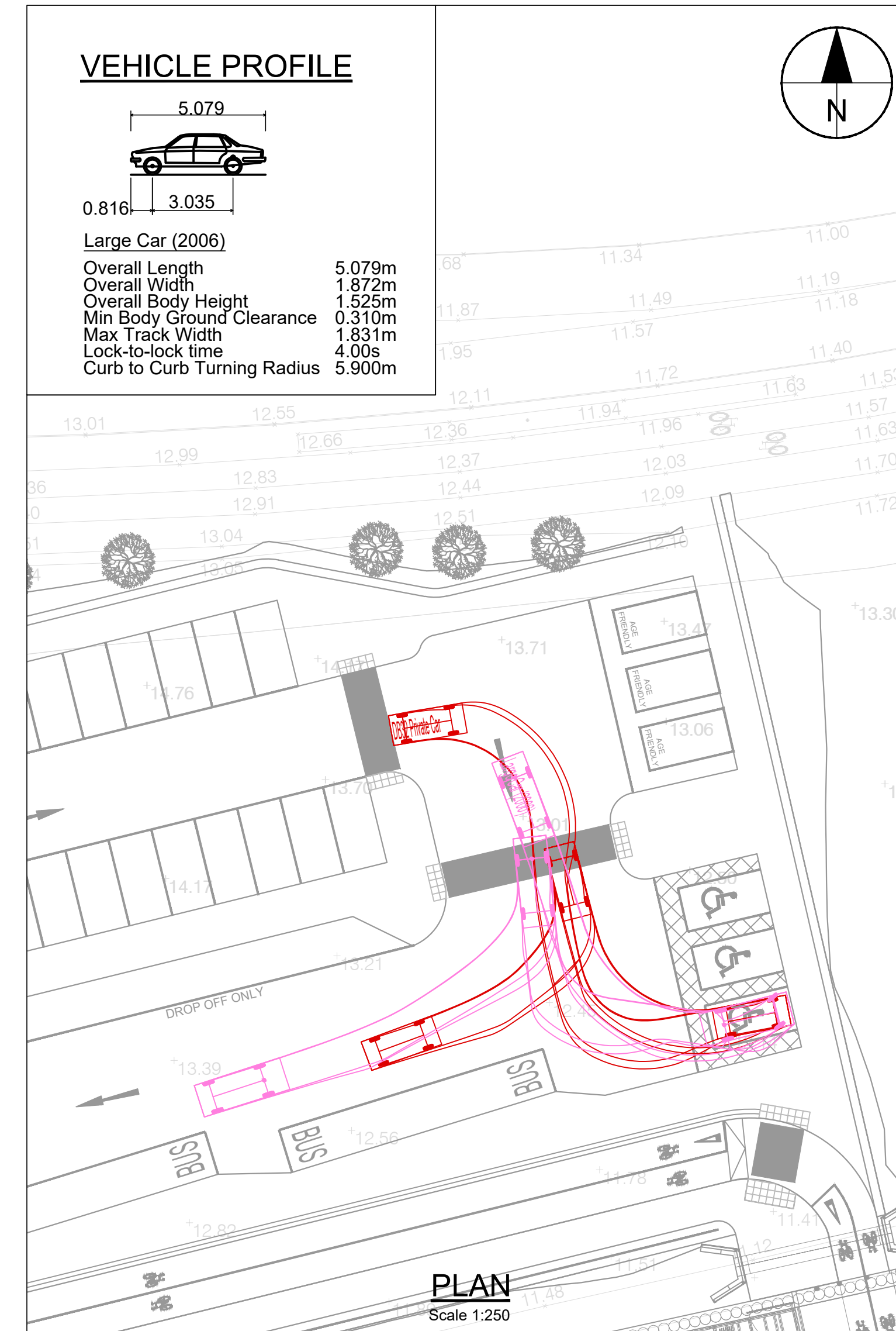
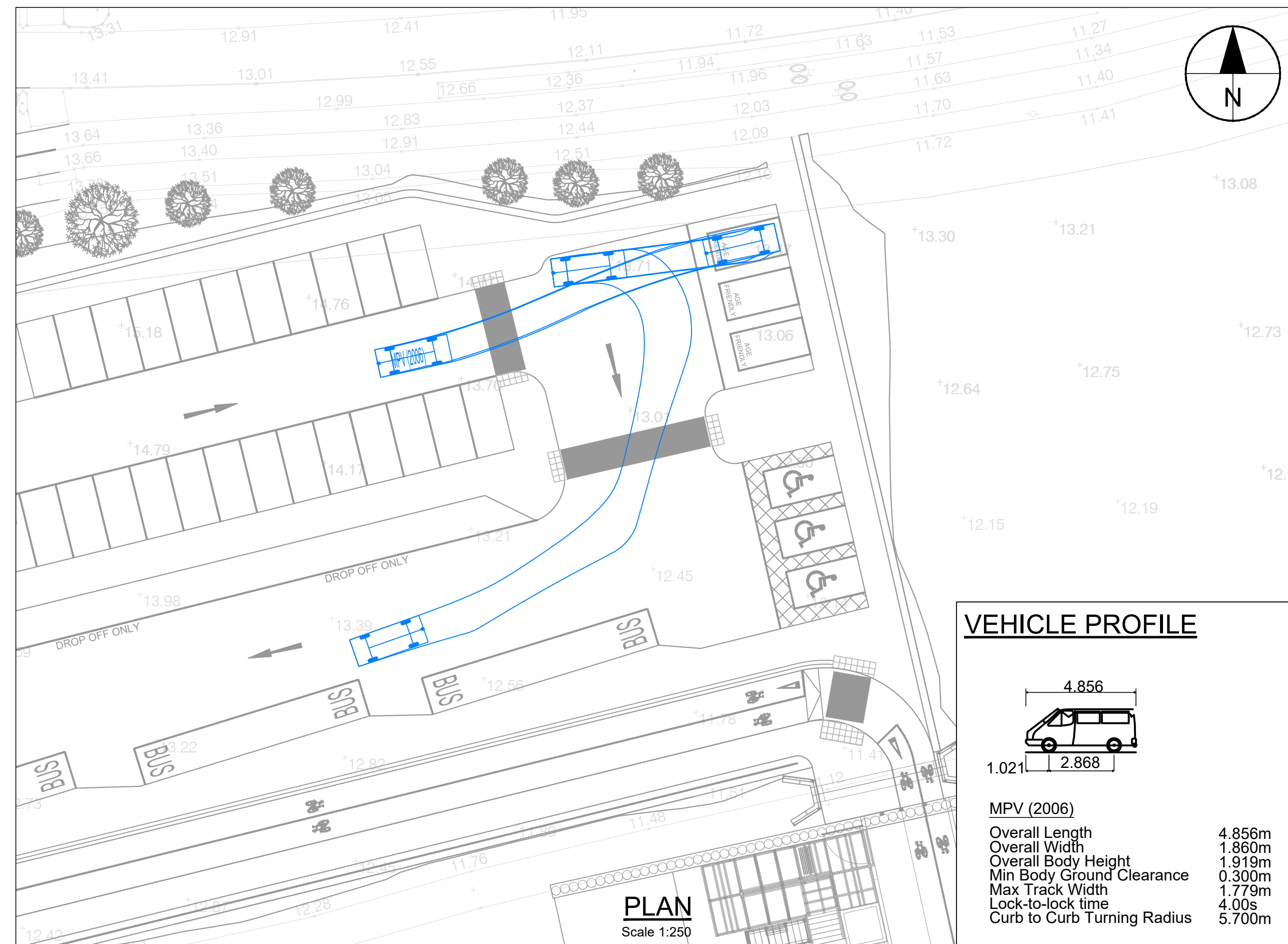
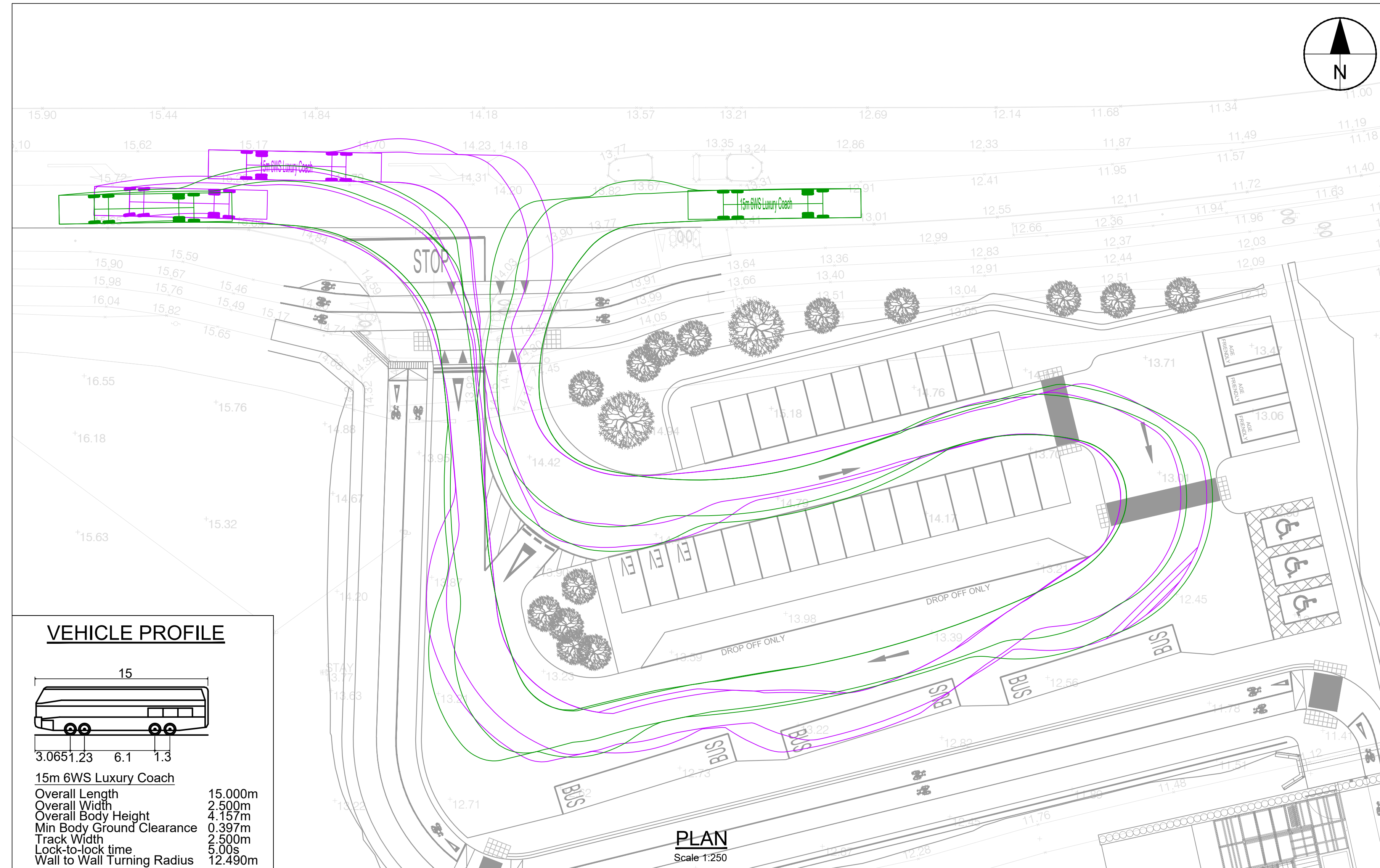
SHEET TITLE

WICKLOW PAR LINK
CUT AND FILL ANALYSIS

SHEET NUMBER

WPAC-ACM-HGN-SW-DR-CH-1006

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility and denies any liability whatsoever to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

[illegible]**AECOM**

PROJECT

WICKLOW PAR LINK

CLIENT



CONSULTANT

AECOM
4th FLOOR ADELPHI PLAZA
GEORGE'S STREET UPPER
DUN LAOGHAIRE, CO. DUBLIN
Tel: +353-1-238-3100
www.aecom.com

NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
2. DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
3. ALL DIMENSIONS ARE IN MILLIMETRES, ALL CHAINAGES, LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

ISSUE/REVISION

P02	OCT 2024	ISSUED FOR PLANNING
P01	OCT 2024	ISSUED FOR PLANNING
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60647343

SHEET TITLE

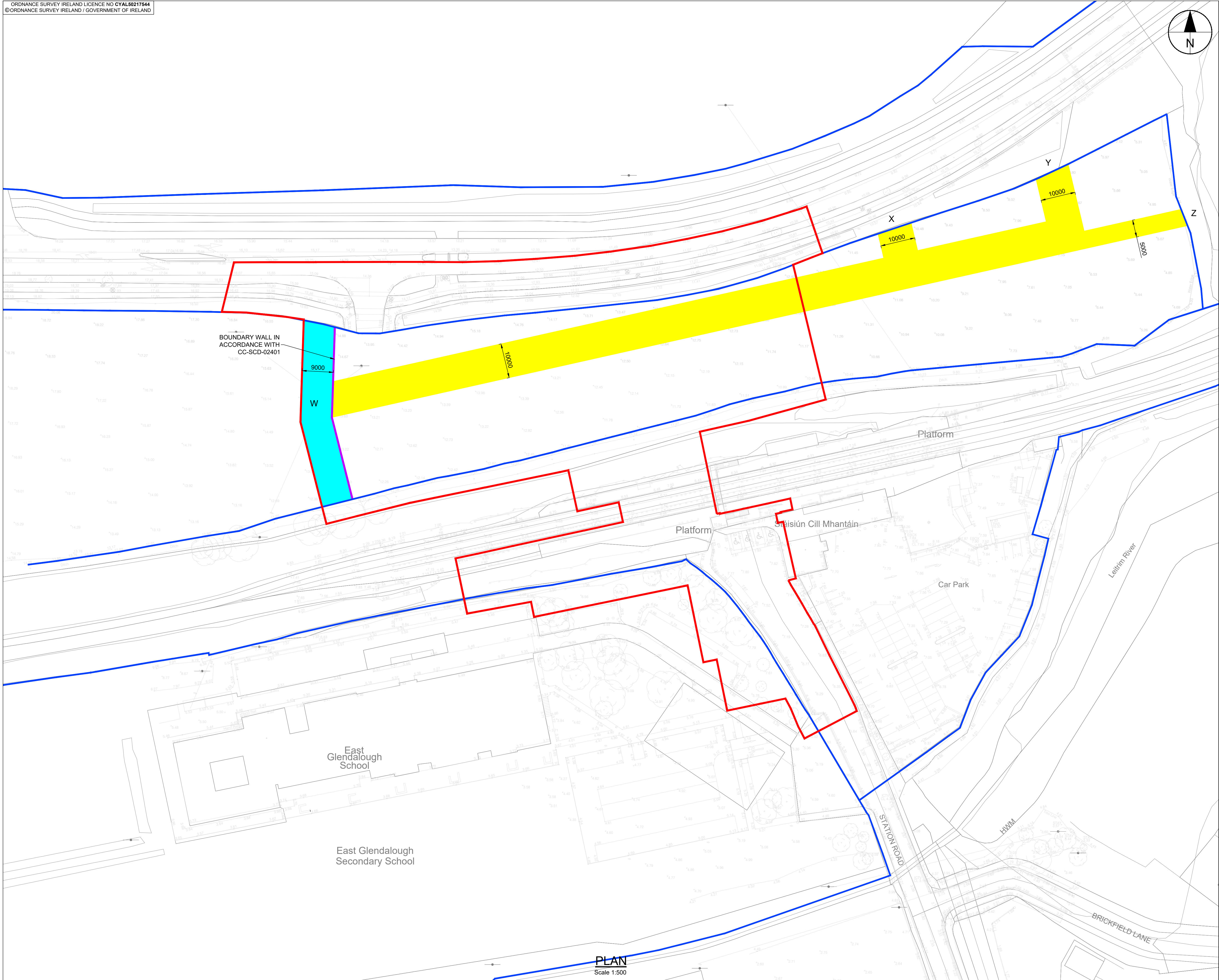
WICKLOW PAR LINK
SWEPT PATH ANALYSIS

SHEET NUMBER

WPAR-ACM-HGN-SW-DR-CH-1007

Filename: L:\LEGACY\IEDBL\FP01\DATA\DCS\PROJECTS\CI06047343_WPAR\LINK900_CAD_GIS\010_CAD\30 - SHEETS\WPAR-ACM-GEN-SW-DR-CH-1008-P02 ACCOMMODATION WORKS.DWG
Last saved by: RODGERSN Last Plotted: 2024-10-09

Project Management Initials: Designer: NR Checked: NR Approved: NR ISO A1 594mm x 841mm



PLAN
Scale 1:500

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. All measurements must be obtained from the stated dimensions.

AECOM

PROJECT

WICKLOW PAR LINK

CLIENT



CONSULTANT

AECOM
4th FLOOR ADELPHI PLAZA
GEORGE'S STREET UPPER
DUN LAOGHAIRE, CO. DUBLIN
Tel: +353-1-238-3100
www.aecom.com

NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
- DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
- ALL DIMENSIONS ARE IN MILLIMETRES, ALL CHAINAGES, LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

LEGEND

- SITE BOUNDARY
- LAND BOUNDARY
- BOUNDARY WALL
- TEMPORARY LANDTAKE
- WAYLEAVE FOR SERVICES

ISSUE/REVISION

P02	OCT 2024	ISSUED FOR PLANNING
P01	OCT 2024	ISSUED FOR PLANNING
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60647343

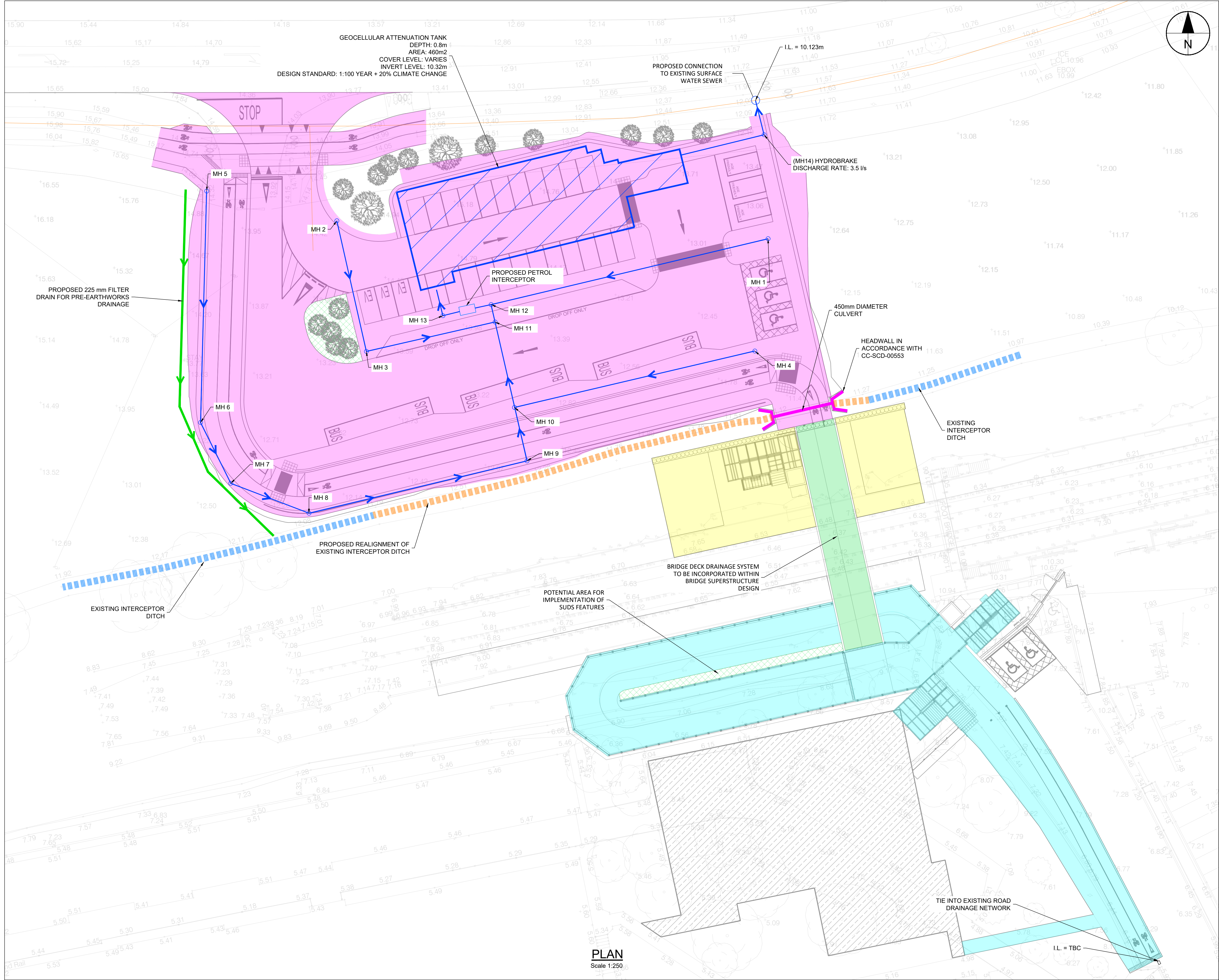
SHEET TITLE

WICKLOW PAR LINK
ACCOMMODATION WORKS

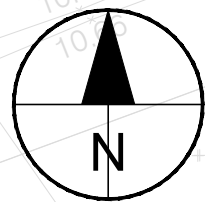
SHEET NUMBER

WPAR-ACM-GEN-SW-DR-CH-1008

ISO A1 594mm x 841mm
Approved: NR
Checked: PS
Designer: SH
Project Management Initials:
Filename: L:\LEGACY\IEB\2\F001\DATA\DCS\PROJECTS\CI06047343_WPARLINK\A00_CAD_GIS\010_CAD\300 - SHEETS\WPAC-ACM-HGN-SW-DR-CH-2001-P02 DRAINAGE.DWG
Last saved by: RODGERSN Last Plotted: 2024-10-09



PLAN
Scale 1:250



AECOM

PROJECT

WICKLOW PAR LINK

CLIENT



CONSULTANT

AECOM
4th FLOOR ADELPHI PLAZA
GEORGE'S STREET UPPER
DUN LAOGHAIRE, CO. DUBLIN
Tel: +353-1-238-3100
www.aecom.com

NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
- DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
- ALL DIMENSIONS ARE IN MILLIMETRES, ALL CHAINAGES, LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

LEGEND

- CATCHMENT AREA 1
- CATCHMENT AREA 2
- CATCHMENT AREA 3
- BRIDGE DECK
- GRASSED/SUDS AREA
- EXISTING STORM WATER DRAIN
- PROPOSED STORM WATER DRAIN
- PROPOSED DRAINAGE PIPE
- PROPOSED ATTENUATION TANK
- PROPOSED FILTER DRAIN

ISSUE/REVISION

P02	OCT 2024	ISSUED FOR PLANNING
P01	OCT 2024	ISSUED FOR PLANNING
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60647343

SHEET TITLE

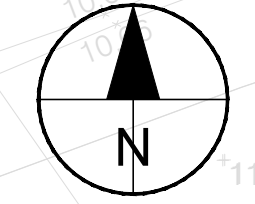
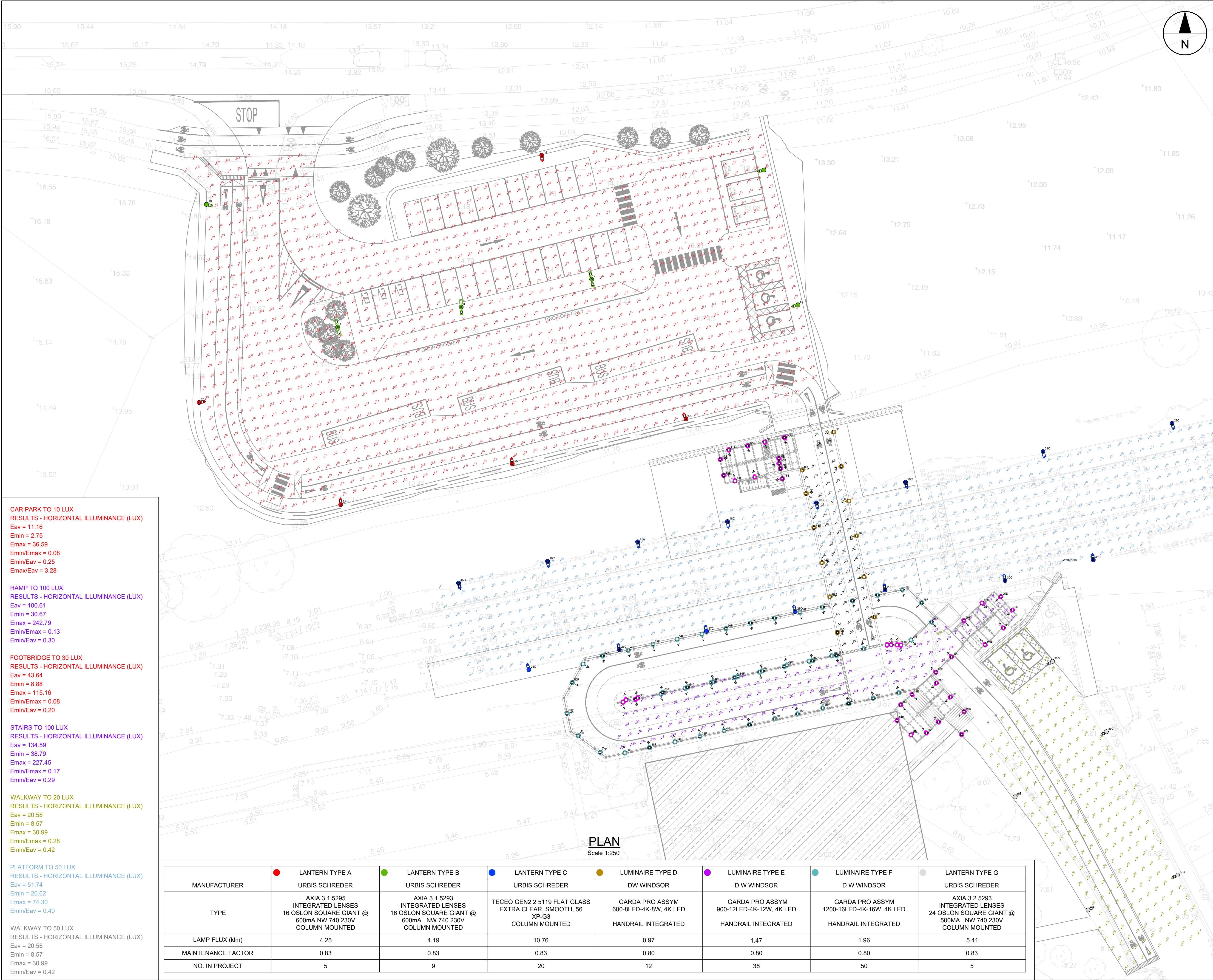
WICKLOW PAR LINK
DRAINAGE

SHEET NUMBER

WPAC-ACM-HGN-SW-DR-CH-2001

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. All measurements must be obtained from the stated dimensions.

ISO A1 594mm x 841mm
Approved: NR
Checked: NR
Designer: FK
Project Management Initials:
Filename: L:\LEGACY\BID\BID\001\DATA\DCS\PROJECTS\CI60647343_WPARLINK900_CAD_GIS\910_CAD\30 - SHEETS\WPAR-ACM-HLG-SW-DR-EO-0001-P02 PUBLIC LIGHTING.DWG
Last saved by: COSTELLOA Last Potted: 2024-10-09



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. All measurements must be obtained from the stated dimensions.

AECOM

PROJECT

WICKLOW PAR LINK

CLIENT



NTA
Údarás Náisiúnta Iompair
National Transport Authority

CONSULTANT

AECOM
4th FLOOR ADELPHI PLAZA
GEORGE'S STREET UPPER
DUN LAOGHAIRE, CO. DUBLIN
Tel: +353-1-238-3100
www.aecom.com

NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.

2. DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.

3. ALL DIMENSIONS ARE IN MILLIMETRES, ALL CHAINAGES, LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

LEGEND

● LANTERN TYPE A

● LANTERN TYPE B

● LANTERN TYPE C

● LUMINAIRE TYPE D

● LUMINAIRE TYPE E

● LUMINAIRE TYPE F

● LUMINAIRE TYPE G

○ BEAM AIMING TARGET

□ PHOTOMETRIC CENTRE

ISSUE/REVISION

P02	OCT 2024	ISSUED FOR PLANNING
P01	OCT 2024	ISSUED FOR PLANNING
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60647343

SHEET TITLE

WICKLOW PAR LINK
PUBLIC LIGHTING

SHEET NUMBER

WPAR-ACM-HLG-SW-DR-EO-1001

CAR PARK TO 10 LUX

RESULTS - HORIZONTAL ILLUMINANCE (LUX)

Eav = 11.16

Emin = 2.75

Emax = 36.59

Emin/Emax = 0.08

Emin/Eav = 0.25

Emax/Eav = 3.28

RAMP TO 100 LUX

RESULTS - HORIZONTAL ILLUMINANCE (LUX)

Eav = 100.61

Emin = 30.67

Emax = 242.79

Emin/Emax = 0.13

Emin/Eav = 0.30

FOOTBRIDGE TO 30 LUX

RESULTS - HORIZONTAL ILLUMINANCE (LUX)

Eav = 43.64

Emin = 8.88

Emax = 115.16

Emin/Emax = 0.08

Emin/Eav = 0.20

STAIRS TO 100 LUX

RESULTS - HORIZONTAL ILLUMINANCE (LUX)

Eav = 134.59

Emin = 38.79

Emax = 227.45

Emin/Emax = 0.17

Emin/Eav = 0.29

WALKWAY TO 20 LUX

RESULTS - HORIZONTAL ILLUMINANCE (LUX)

Eav = 20.58

Emin = 8.57

Emax = 30.99

Emin/Emax = 0.28

Emin/Eav = 0.42

PLATFORM TO 50 LUX

RESULTS - HORIZONTAL ILLUMINANCE (LUX)

Eav = 51.74

Emin = 20.62

Emax = 74.30

Emin/Eav = 0.40

WALKWAY TO 50 LUX

RESULTS - HORIZONTAL ILLUMINANCE (LUX)

Eav = 20.58

Emin = 8.57

Emax = 30.99

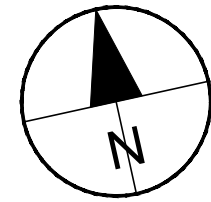
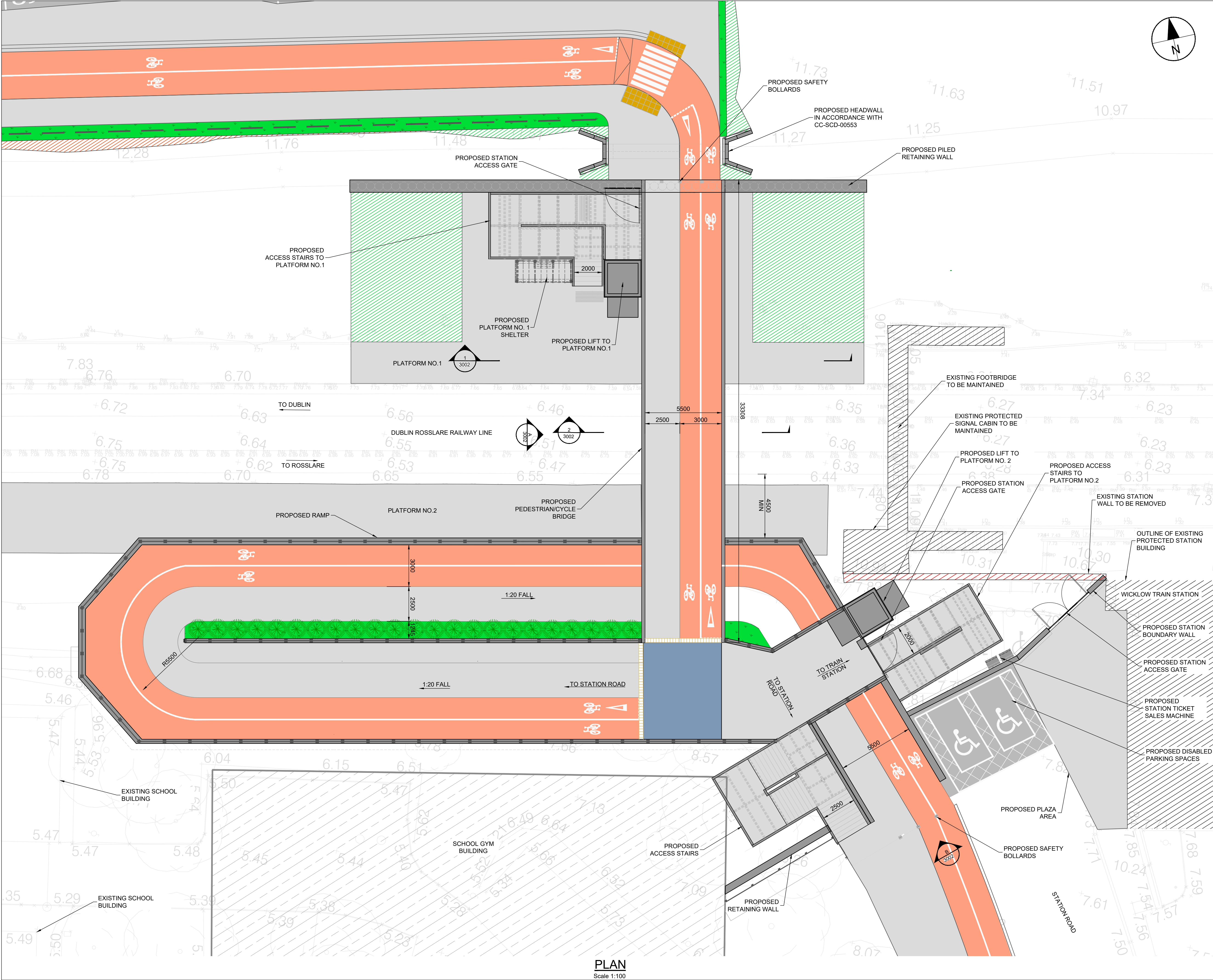
Emin/Emax = 0.28

Emin/Eav = 0.42

	● LANTERN TYPE A	● LANTERN TYPE B	● LANTERN TYPE C	● LUMINAIRE TYPE D	● LUMINAIRE TYPE E	● LUMINAIRE TYPE F	● LANTERN TYPE G
MANUFACTURER	URBIS SCHREDER	URBIS SCHREDER	URBIS SCHREDER	DW WINDSOR	D W WINDSOR	D W WINDSOR	URBIS SCHREDER
TYPE	AXIA 3.1 5295 INTEGRATED LENSES 16 OSOLON SQUARE GIANT @ 600mA NW 740 230V COLUMN MOUNTED	AXIA 3.1 5293 INTEGRATED LENSES 16 OSOLON SQUARE GIANT @ 600mA NW 740 230V COLUMN MOUNTED	TECEO GEN2 2 5119 FLAT GLASS EXTRA CLEAR, SMOOTH, 56 XP-G3 COLUMN MOUNTED	GARDA PRO ASSYM 600-8LED-4K-8W, 4K LED HANDRAIL INTEGRATED	GARDA PRO ASSYM 900-12LED-4K-12W, 4K LED HANDRAIL INTEGRATED	GARDA PRO ASSYM 1200-16LED-4K-16W, 4K LED HANDRAIL INTEGRATED	AXIA 3.2 5293 INTEGRATED LENSES 24 OSOLON SQUARE GIANT @ 500mA NW 740 230V COLUMN MOUNTED
LAMP FLUX (klm)	4.25	4.19	10.76	0.97	1.47	1.96	5.41
MAINTENANCE FACTOR	0.83	0.83	0.83	0.80	0.80	0.80	0.83
NO. IN PROJECT	5	9	20	12	38	50	5

File name: L:\LEGACY\IED\B\2\001\DATA\DCS\PROJECTS\CI\60647343_WPARLINK\900_CAD_GIS\910_CAD\30 - SHEETS\WPAC-ACM-SBR-SW-DR-CB-3001-P02 STRUCTURES PLAN.DWG
Last saved by: RODGERSN Last Plotted: 2024-10-09

Project Management Initials: Designer: CM Checked: AC Approved: NR ISO A1 594mm x 841mm



PLAN
Scale 1:100

AECOM

PROJECT

WICKLOW PAR LINK

CLIENT



CONSULTANT

AECOM
4th FLOOR ADELPHI PLAZA
GEORGE'S STREET UPPER
DUN LAOGHAIRE, CO. DUBLIN
Tel: +353-1-238-3100
www.aecom.com

NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
- DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
- ALL DIMENSIONS ARE IN MILLIMETRES, ALL CHAINAGES, LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

LEGEND

- PROPOSED STRUCTURE
- PROPOSED FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED ROAD/PLAZA
- PROPOSED SHARED AREA
- PROPOSED VERGE/LANDSCAPING
- PROPOSED EMBANKMENT
- PROPOSED CUTTING
- CORDUROY HAZARD PAVING

ISSUE/REVISION

P02	OCT 2024	ISSUED FOR PLANNING
P01	OCT 2024	ISSUED FOR INFORMATION
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60647343

SHEET TITLE

WICKLOW PAR LINK
STRUCTURES
PLAN

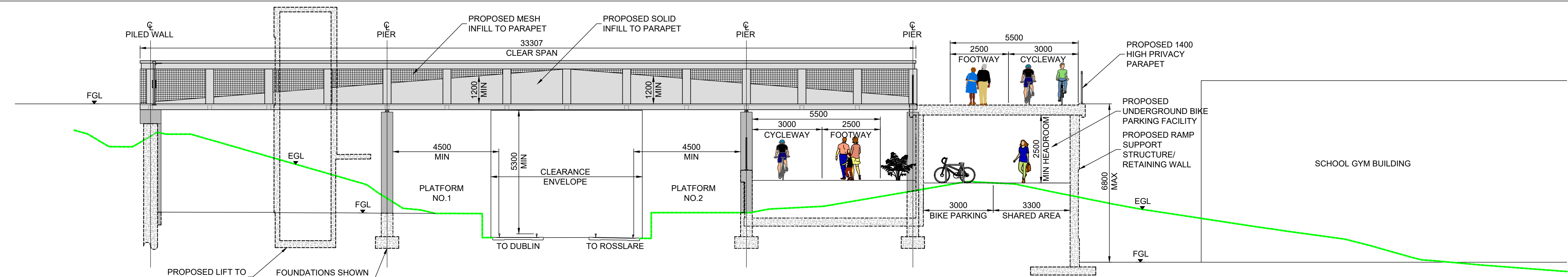
SHEET NUMBER

WPAC-ACM-SBR-SW-DR-CB-3001

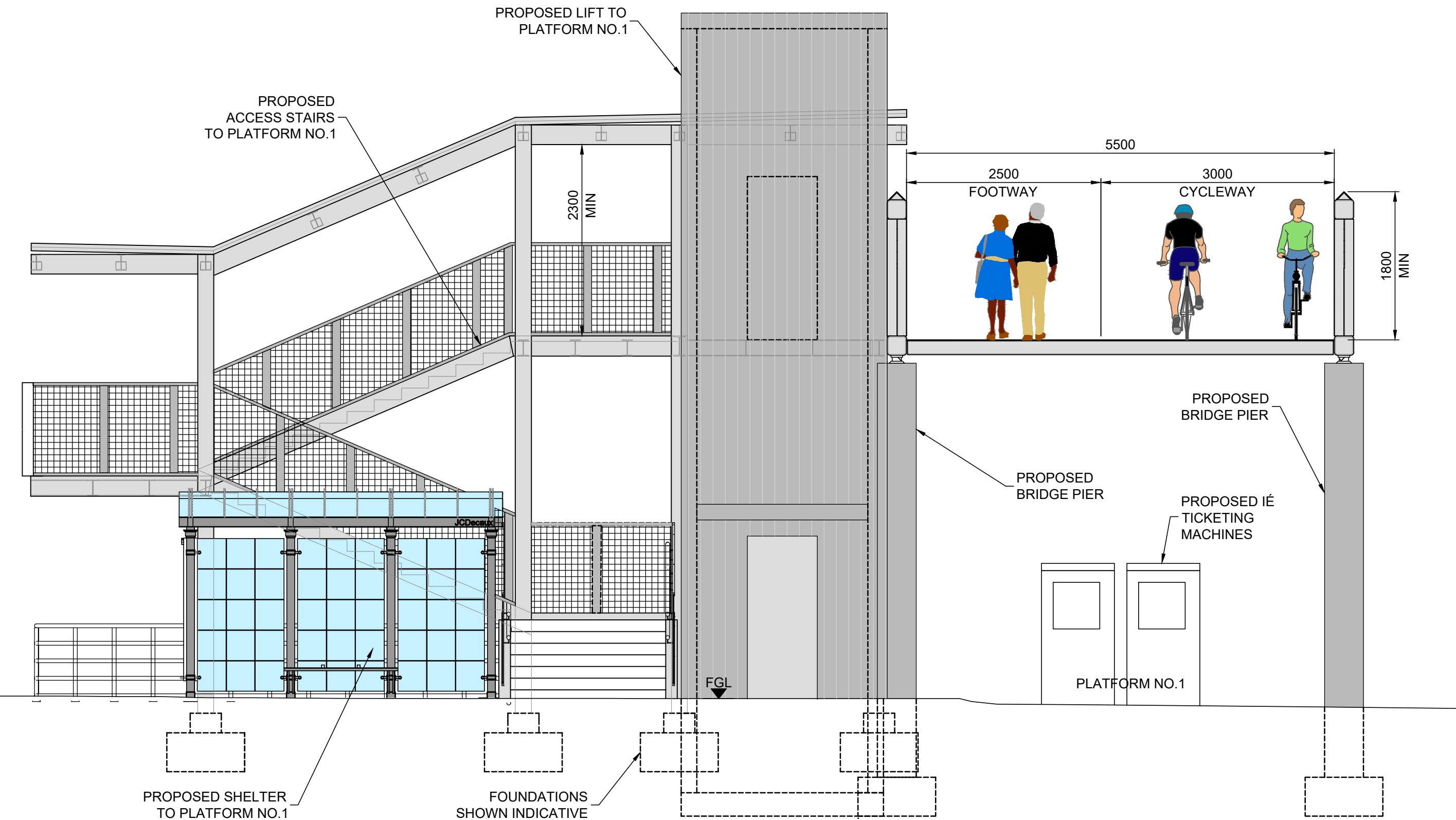
This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

ISO A1 594mm x 841mm
Approved: NR
Checked: AC
Designer: CM
Project Management Initials:

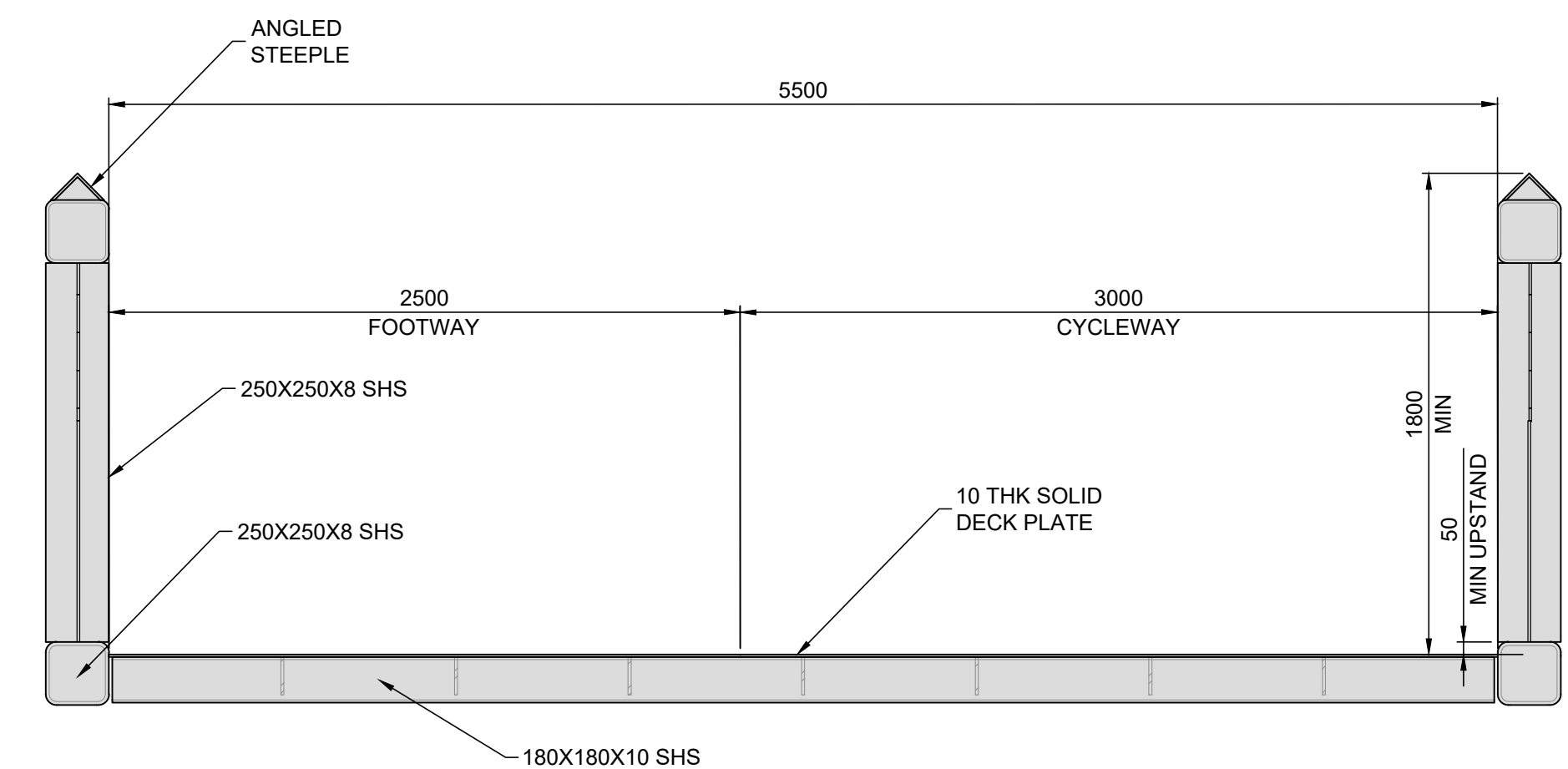
File name: L:\LEGACY\IEDB\2P001\DATA\DCS\PROJECTS\CI60647343_WPAR\LINK900_CAD_GIS\910_CAD\30 - SHEETS\WPAR-ACM-SBR-SW-DR-CB-3002-P02 STRUCTURES GAD.WG
Last saved by: RODGERSN
Last Plotted: 2024-10-09



ELEVATION A-A BRIDGE ELEVATION
Scale 1:100



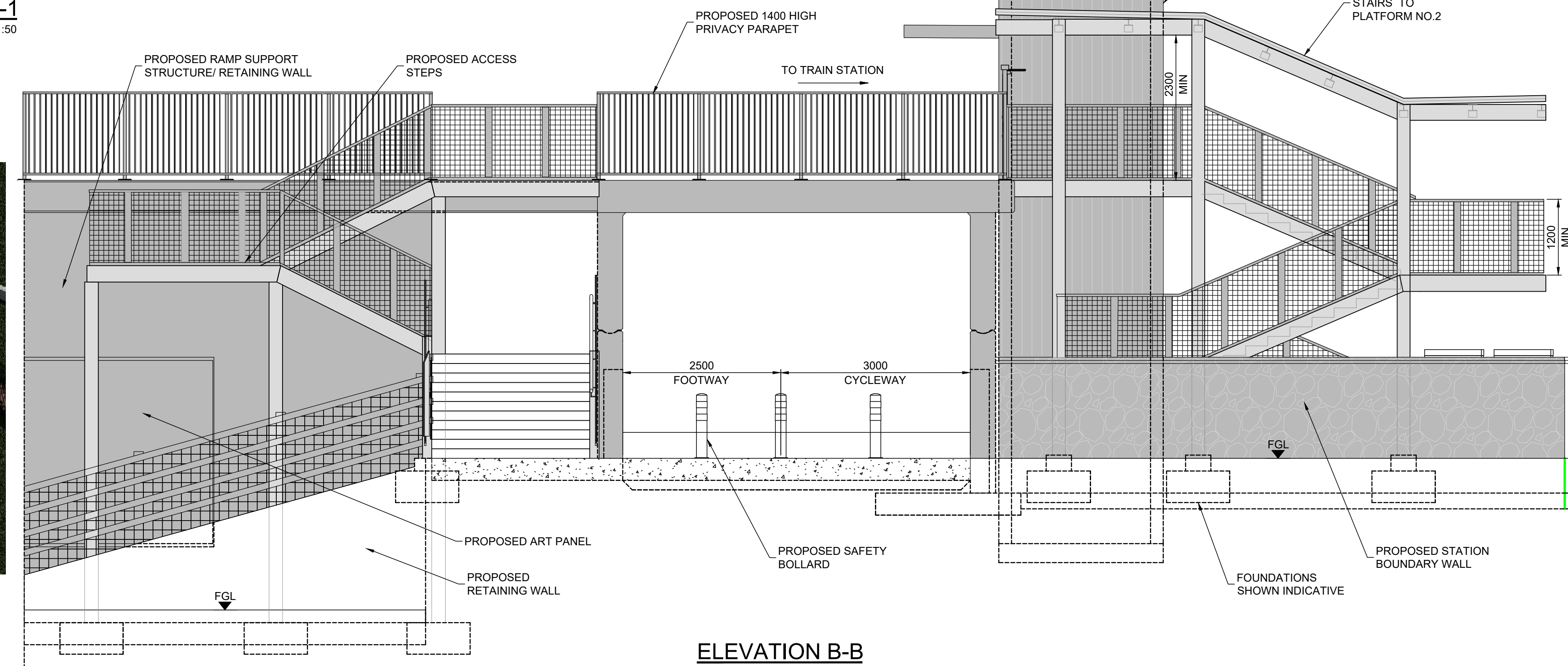
SECTION 1-1
Scale 1:50



SECTION 2-2
Scale 1:50



3D VIEW
Scale NTS



ELEVATION B-B
Scale 1:50

AECOM

PROJECT

WICKLOW PAR LINK

CLIENT



CONSULTANT

AECOM
4th FLOOR ADELPHI PLAZA
GEORGE'S STREET UPPER
DUN LAOGHAIRE, CO. DUBLIN
Tel: +353-1-238-3100
www.aecom.com

NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
- DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
- ALL DIMENSIONS ARE IN MILLIMETRES, ALL CHAINAGES, LEVELS AND CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

ISSUE/REVISION

P02	OCT 2024	ISSUED FOR PLANNING
P01	OCT 2024	ISSUED FOR INFORMATION
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60647343

SHEET TITLE

WICKLOW PAR LINK
STRUCTURES
GENERAL ARRANGEMENT

SHEET NUMBER

WPAR-ACM-SBR-SW-DR-CB-3002

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.