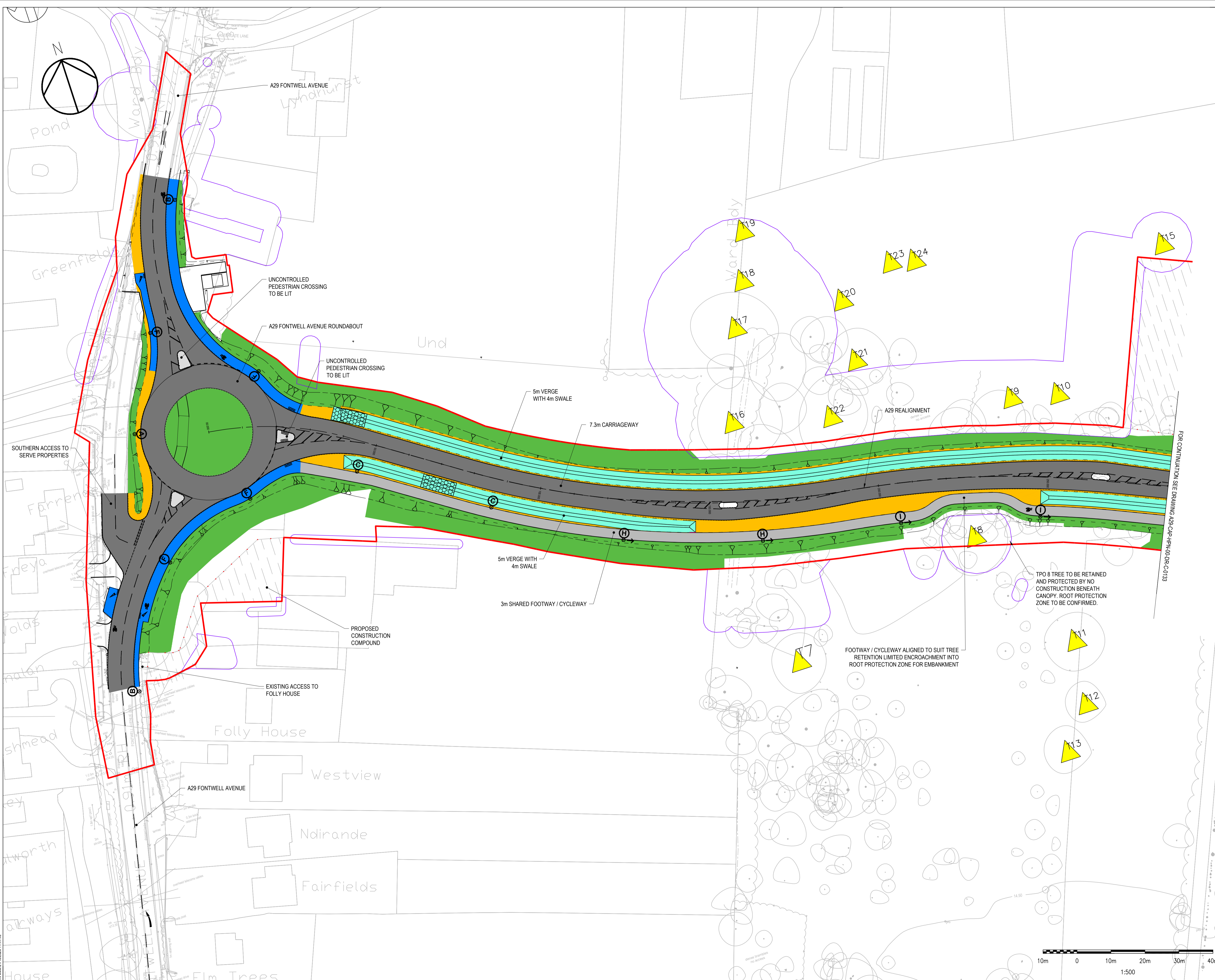




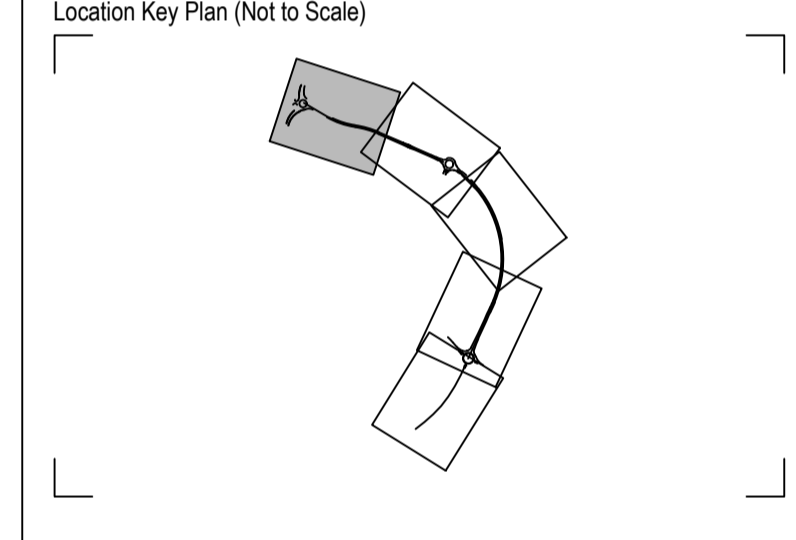
### 3.1 DESIGN DRAWINGS





- NOTES:
1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
  2. EARTHWORKS SIDE SLOPES ARE 1 IN 3 WHERE POSSIBLE. IN AREAS LIMITED BY LAND OR ENVIRONMENTAL RESTRICTIONS, STEEPER SLOPES HAVE BEEN GENERATED. SLOPES SUBJECT TO GROUND INVESTIGATION.
  3. EXACT LOCATION AND FORM OF HEADWALLS AND ASSOCIATED CULVERTS TO BE CONFIRMED FOLLOWING SITE INVESTIGATION.

- KEY
- CARRIAGEWAY
  - FOOTWAY
  - SHARED USE FOOTWAY/CYCLEWAY
  - SWALE
  - TRAFFIC ISLANDS
  - SOFT LANDSCAPING
  - CARRIAGEWAY VERGE
  - PLANTING IN SWALE. PLANTING OF LOW GROWTH PERENNIAL SPECIES NOT EXCEEDING 1.5m IN HEIGHT PREFERABLY EVERGREEN.
  - PROPOSED ATTENUATION / INFILTRATION POND (POND SIZE & LAYOUT TO BE CONFIRMED FOLLOWING INFILTRATION TESTING & SITE INVESTIGATION).
  - RED LINE BOUNDARY
  - WILDLIFE CROSSING
  - INDICATIVE LIGHTING COLUMN WITH REFERENCE LETTER
  - ACOUSTIC BARRIER
  - TEMPORARY USE LAND
  - TREE PRESERVATION ORDER - INDICATIVE LOCATION ONLY
  - ROOT PROTECTION AREA - INDICATIVE LOCATION ONLY
- Location Key Plan (Not to Scale)



Rev	Drawn	Checked	App'd	Description	Date
P05	LR	KS	AB	LABELS AMENDED	21.10.20
P04	LR	KS	AB	HIGHWAY LAYOUT AND REDLINE BOUNDARY UPDATED	16.10.20
P03	PD	KS	AB	KEY UPDATED	03.09.20
P02	LR	KS	AB	LABELS ADDED / AMENDED	28.09.20
P01	PD	DAH	KS	FIRST ISSUE	12.06.20

Purpose of Issue  
**For Planning** S0

Classification  
**Public**



Client  
**West Sussex County Council**  
 Project  
**A29 Realignment Scheme**

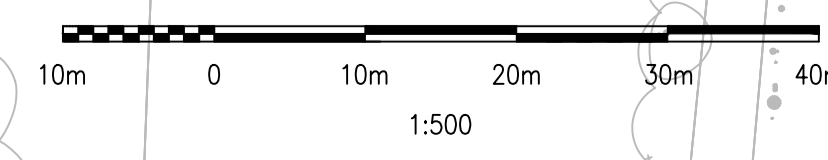
Drawing  
**Site Plan**  
**Sheet 1 of 5**

Scale @ A1	Drawn	Checked	Approved
1:500	PD	DAH	KS
Project No.	Date		
CS099505	12.06.20		

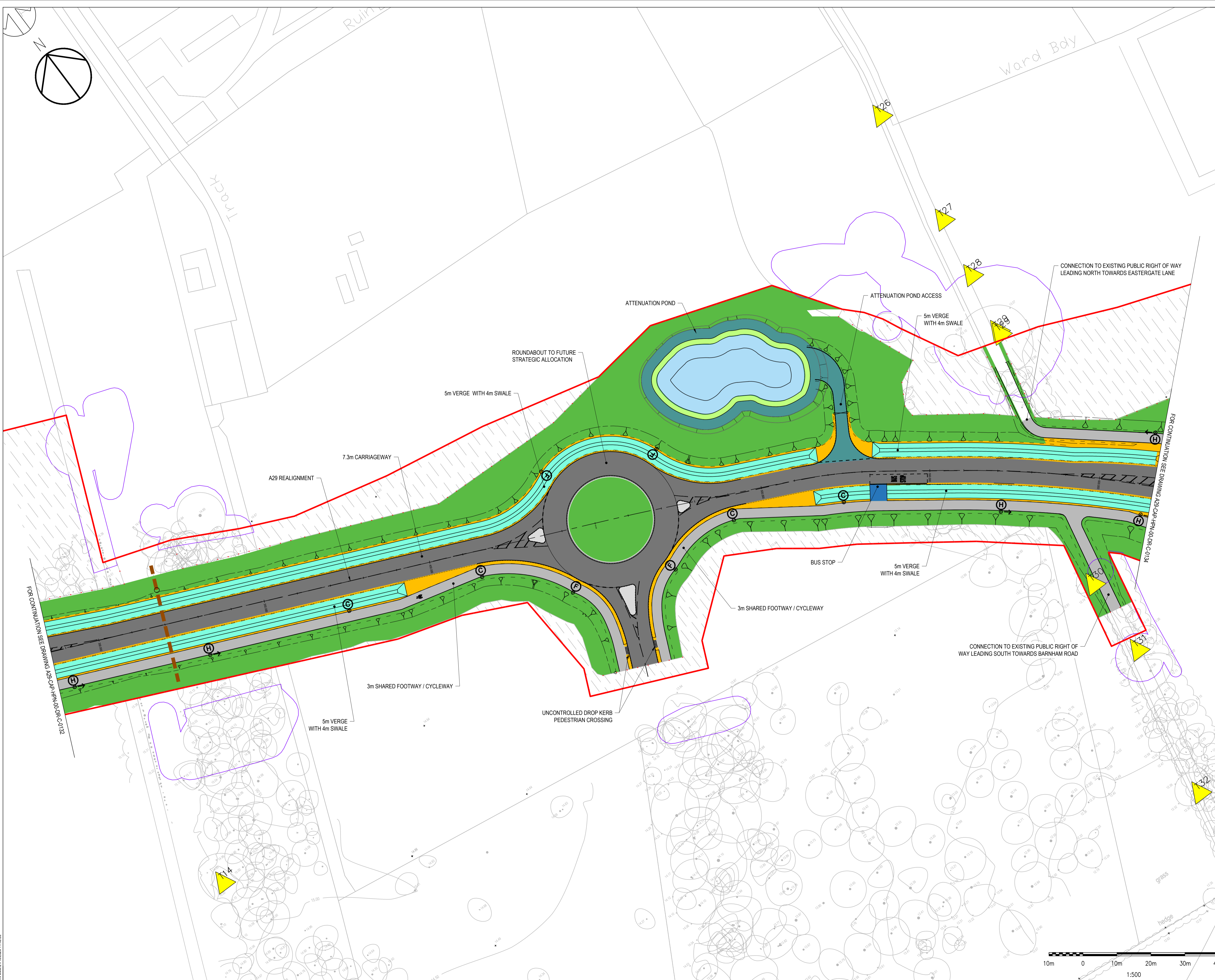
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 Project - Originator - Zone - Level - File Type - Role - Number  
**A29-CAP-HPN-00-DR-C-0132** BS1192 Compliant revision P05



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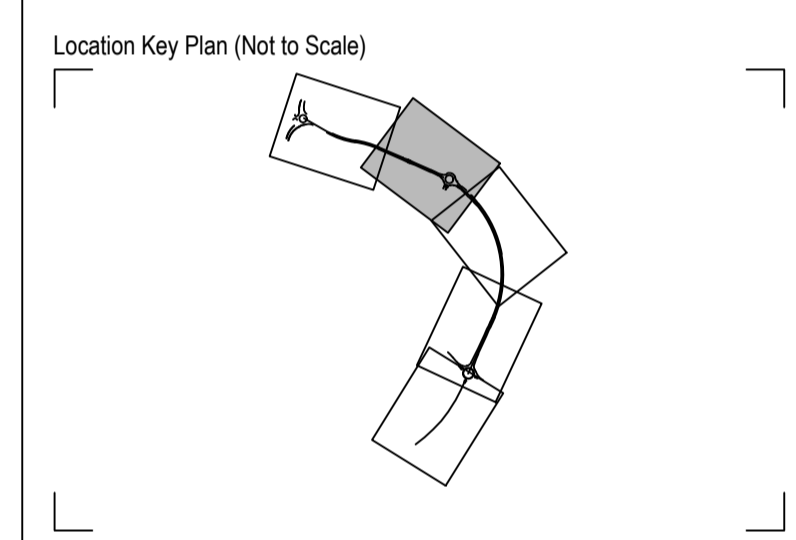






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  - CARRIAGEWAY VERGE
  - PLANTING IN SWALE
  - PLANTING OF LOW GROWTH PERENNIAL SPECIES NOT EXCEEDING 1.5m IN HEIGHT PREFERABLY EVERGREEN.
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Rev	Drawn	Checked	App'd	Description	Date
P05	LR	KS	AB	LABELS AMENDED	21.10.20
P04	LR	KS	AB	HIGHWAY LAYOUT AND REDLINE BOUNDARY UPDATED	16.10.20
P03	PD	KS	AB	KEY UPDATED	03.09.20
P02	LR	KS	AB	MODELS UPDATED	28.08.20
P01	PD	RFH	KS	FIRST ISSUE	12.06.20

Purpose of Issue: For Planning S0

Classification: Public



Project: A29 Realignment Scheme

Drawing: Site Plan Sheet 2 of 5

Scale @ A1	Drawn	Checked	Approved
1:500	PD	DAH	KS

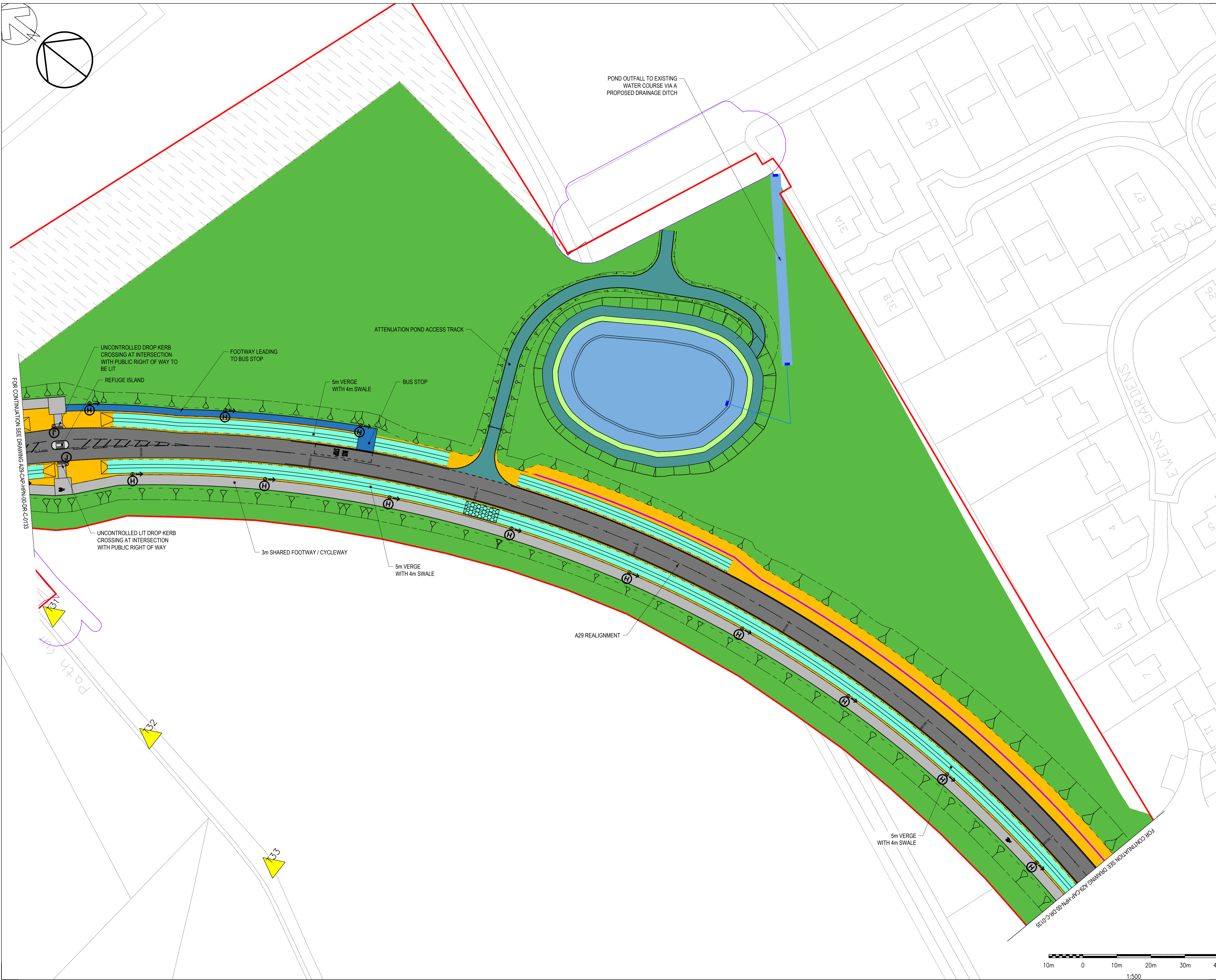
Project No.	Date
CS099505	12.06.20

Drawing Identifier: A29-CAP-HPN-00-DR-C-0133  
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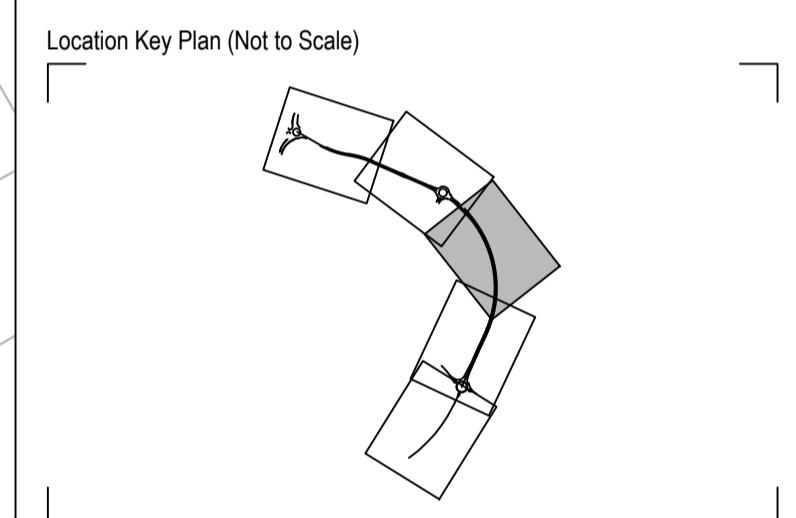
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Rev	Drawn	Checked	App'd	Description	Date
P05	LR	KS	AB	LABELS AMENDED	21.10.20
P04	LR	KS	AB	HIGHWAY LAYOUT AND REDLINE BOUNDARY UPDATED	16.10.20
P03	PD	KS	AB	KEY ADDED	03.09.20
P02	LR	KS	AB	LABELS ADDED / AMENDED	28.08.20
P01	PD	DAH	KS	FIRST ISSUE	12.06.20

Purpose of Issue  
**For Planning** S0

Classification  
**Public**



Project  
**A29 Realignment Scheme**

Drawing  
**Site Plan**  
**Sheet 3 of 5**

Scale @ A1	Drawn	Checked	Approved
1:500	PD	RP	KS

Project No.	Date
CS099505	12.06.20

Drawing Identifier	BS1192 Compliant
A29-CAP-HPN-00-DR-C-0134	P05

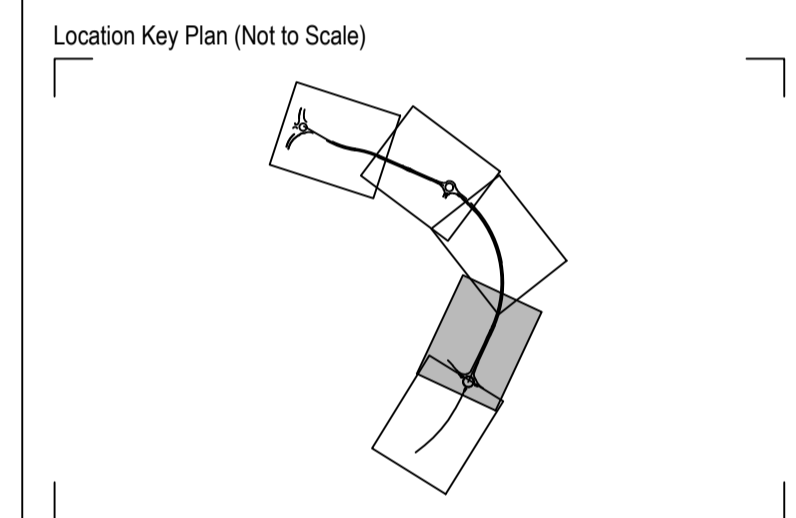


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P05	LR	KS	AB	LABELS AMENDED	21.10.20
P04	LR	KS	AB	HIGHWAY LAYOUT AND REDLINE BOUNDARY UPDATED	16.10.20
P03	PD	KS	AB	KEY UPDATED	03.09.20
P02	LR	KS	AB	LABELS ADDED / AMENDED	28.08.20
P01	PD	DAH	KS	FIRST ISSUE	12.06.20
Rev	Drawn	Checked	Approved	Description	Date

Purpose of Issue: **For Planning** S0

Classification: **Public**

Client:

Project: **A29 Realignment Scheme**

Drawing: **Site Plan Sheet 4 of 5**

Scale @ A1	Drawn	Checked	Approved
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Project No.	Date		
CS099505	14.06.20		

Drawing Identifier: **A29-CAP-HPN-00-DR-C-0135** P05

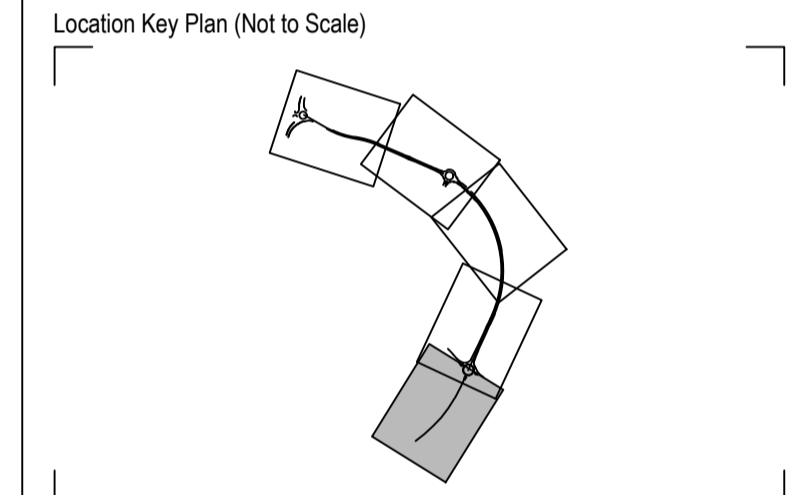
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  - TREE PRESERVATION ORDER - INDICATIVE LOCATION ONLY
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Rev	Drawn	Checked	App'd	Description	Date
P04	LR	KS	AB	HIGHWAY LAYOUT AND REDLINE BOUNDARY UPDATED	16.10.20
P03	PD	KS	AB	KEY UPDATED	03.09.20
P02	LR	KS	AB	LABELS ADDED / AMENDED	28.08.20
P01	PD	DAH	KS	FIRST ISSUE	12.06.20

Purpose of Issue  
**For Planning** **S0**

Classification  
**Public**



Project  
**A29 Realignment Scheme**

Drawing  
**Site Plan**  
**Sheet 5 of 5**

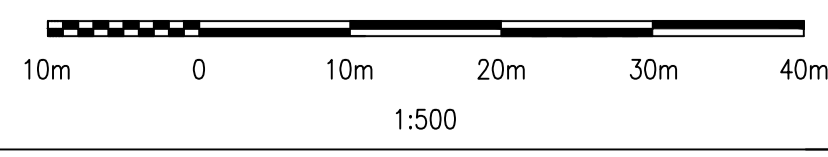
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Project No.	Date
CS099505	12.06.20

Drawing Identifier  
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**A29-CAP-HPN-00-DR-C-0136** **P04**

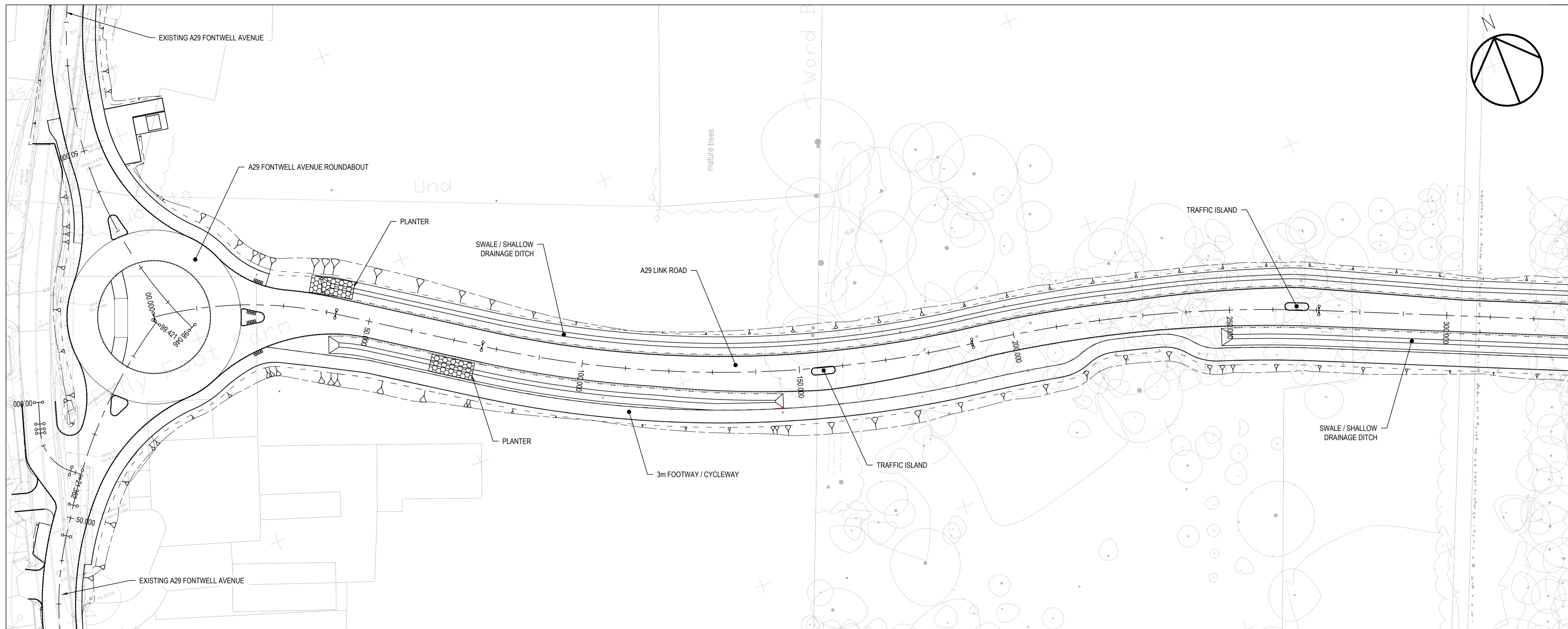


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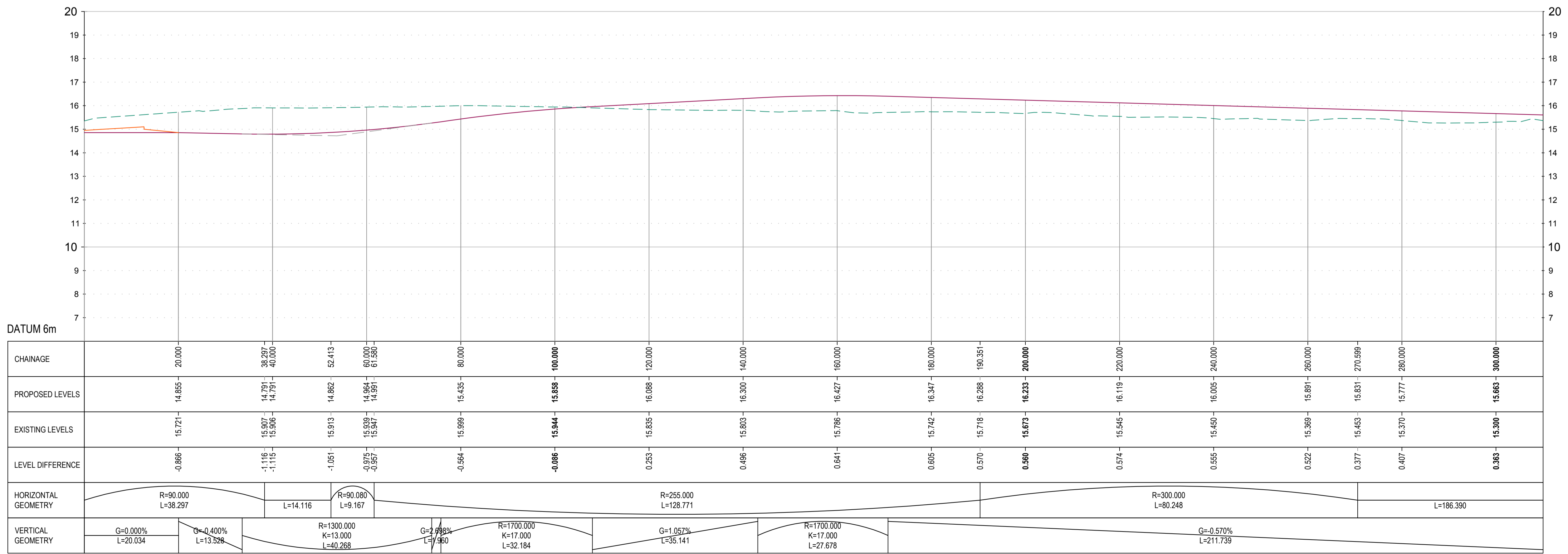


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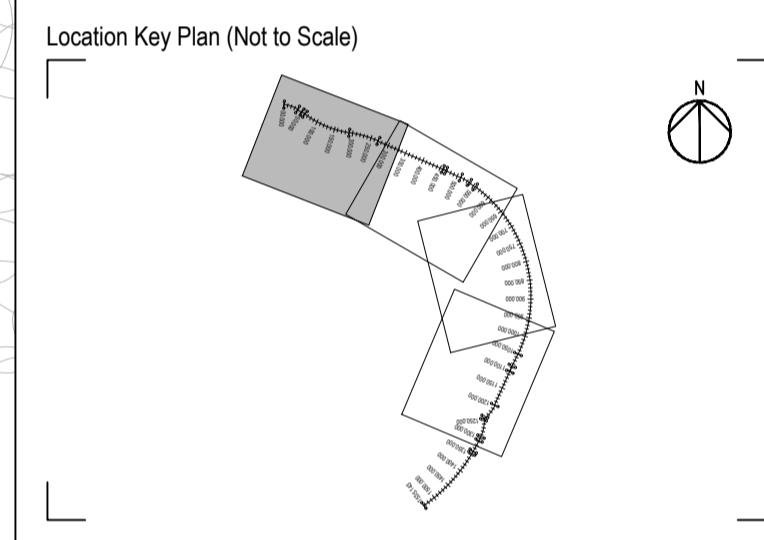
**PLAN**  
Scale 1:500



**PROFILE**  
Scale H 1:500, V 1:100

- NOTES:
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
  - FOR FULL DETAILS OF HIGHWAY LAYOUT SEE DRAWING Nos. A29-CAP-HPN-00-DR-C-0132 to 0136.

- KEY (PLAN):
- CENTRELINE WITH CHAINAGE IN METRES
  - ENGINEERING EARTHWORKS
  - TREE
- KEY (PROFILE):
- EXISTING GROUND LEVEL
  - PROPOSED GROUND LEVEL
  - ROUNDBOUT PROFILE
- R RADIUS  
L LENGTH  
G GRADIENT  
K K VALUE



Rev	Drawn	Checked	App'd	Description	Date
P03	CS	KS	AB	HIGHWAY LAYOUT UPDATED	16.10.20
P02	JPC	KS	AB	NOTES ADDED AND KEY UPDATED	28.08.20
P01	JPC	DAH	KS	FIRST ISSUE	03.07.20

Purpose of Issue  
**For Planning** **S0**

Classification  
**Public**



Project  
**A29 Realignment Scheme**

Drawing  
**A29 Link Road  
Plan and Profile  
Sheet 1 of 4**

Scale @ A1	Drawn	Checked	Approved
AS SHOWN	JPC	DAH	KS

Project No. **CS099505** Date **03.07.20**

Drawing Identifier  
Project - Originator - Zone - Level - File Type - Role - Number  
**A29-CAP-HPN-00-DR-C-0175** **P03**



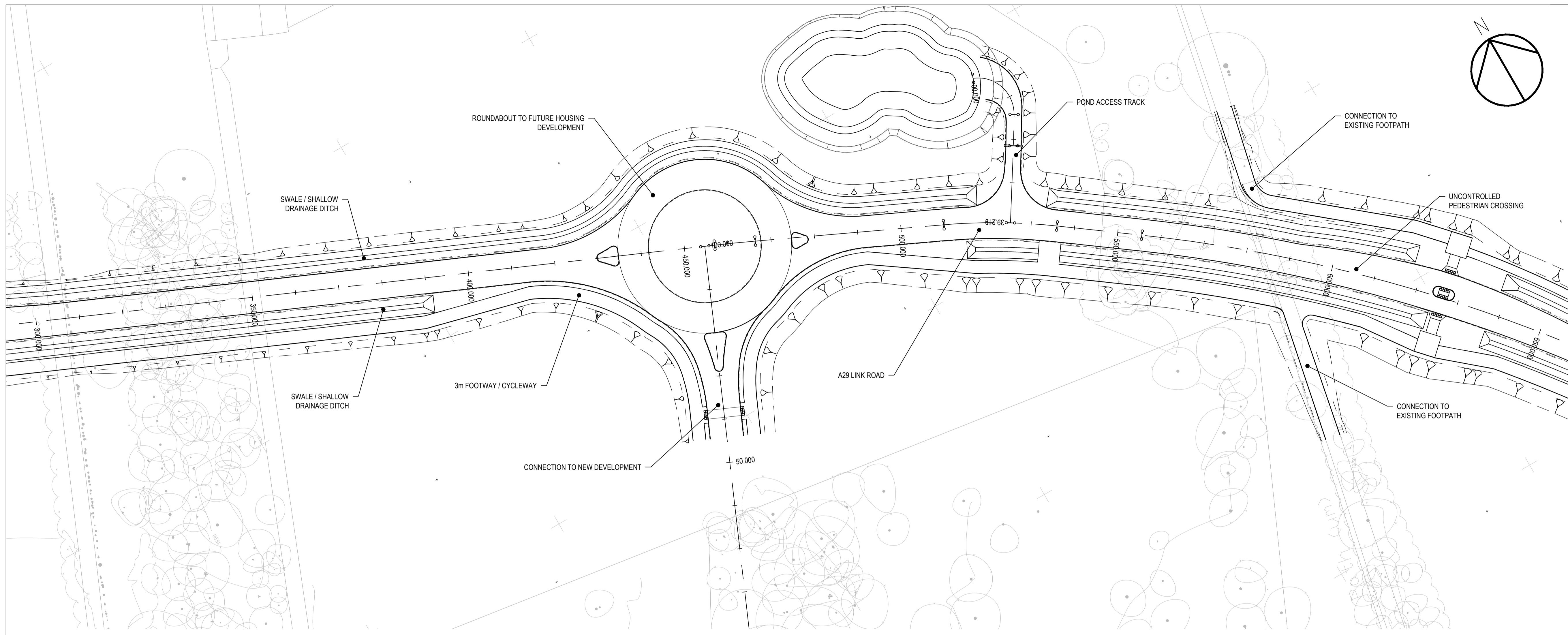
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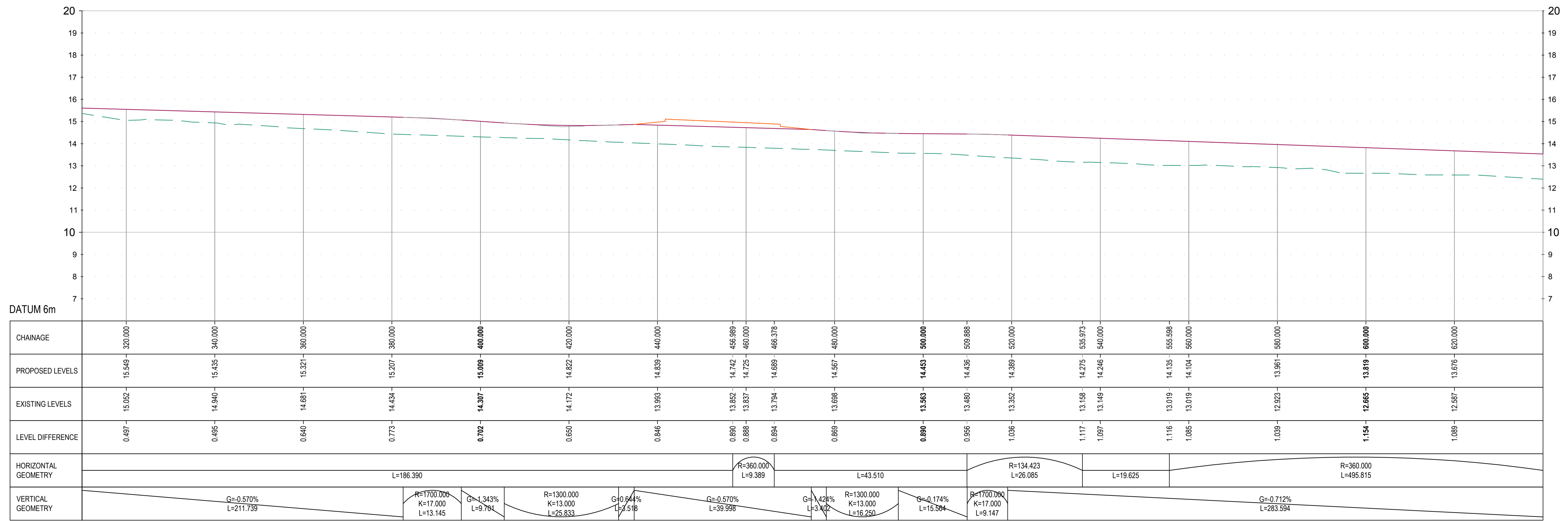
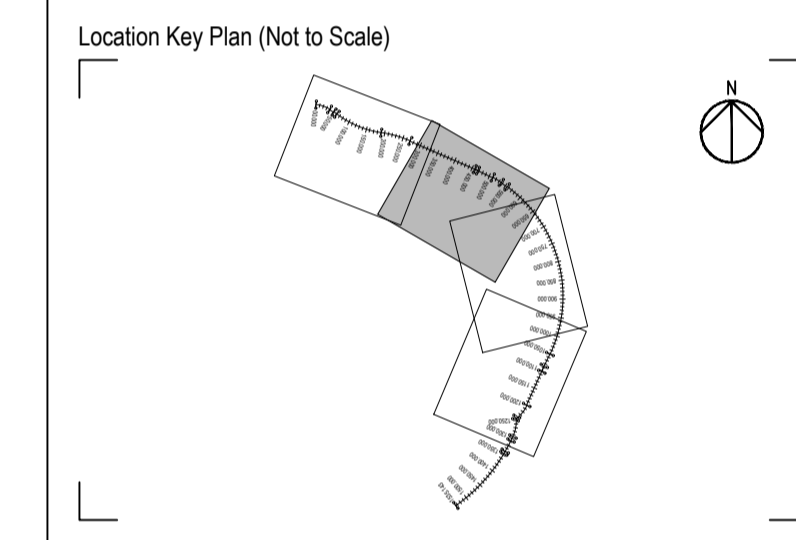


- NOTES:
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  - FOR FULL DETAILS OF HIGHWAY LAYOUT SEE DRAWING Nos. A29-CAP-HPN-00-DR-C-0132 to 0136.

- KEY (PLAN):
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- KEY (PROFILE):
- EXISTING GROUND LEVEL
  - PROPOSED GROUND LEVEL
  - ROUNDABOUT PROFILE
- R RADIUS  
L LENGTH  
G GRADIENT  
K K VALUE



PLAN  
Scale 1:500



PROFILE  
Scale H 1:500, V 1:100

Rev	Drawn	Chk'd	App'd	Description	Date
P03	CS	KS	AB	HIGHWAY LAYOUT UPDATED	16.10.20
P02	JPC	KS	AB	NOTES ADDED AND KEY UPDATED	28.08.20
P01	JPC	DAH	KS	FIRST ISSUE	03.07.20

Purpose of Issue  
**For Planning** S0

Classification  
**Public**



Project  
**A29 Realignment Scheme**

Drawing  
**A29 Link Road  
Plan and Profile  
Sheet 2 of 4**

Scale @ A1	Drawn	Checked	Approved
AS SHOWN	JPC	DAH	KS

Project No. CS099505 Date 03.07.20

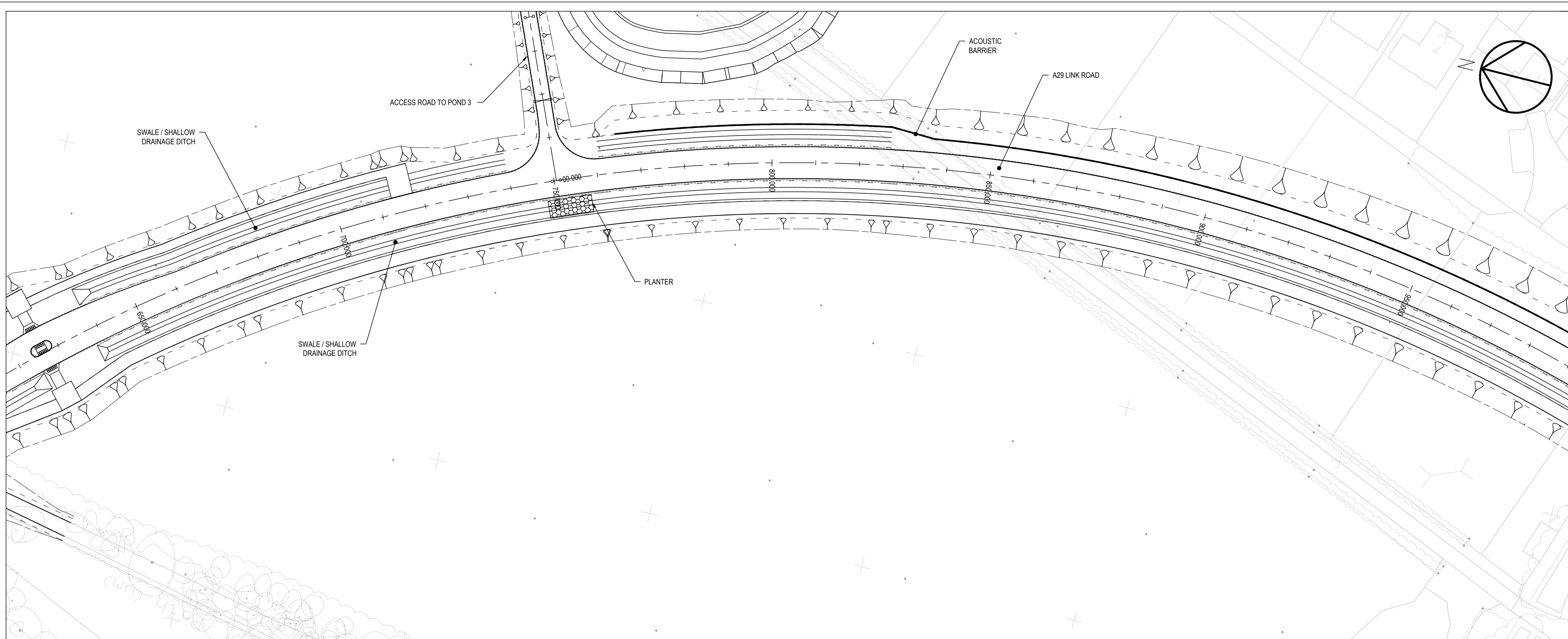
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**A29-CAP-HPN-00-DR-C-0176** revision P03



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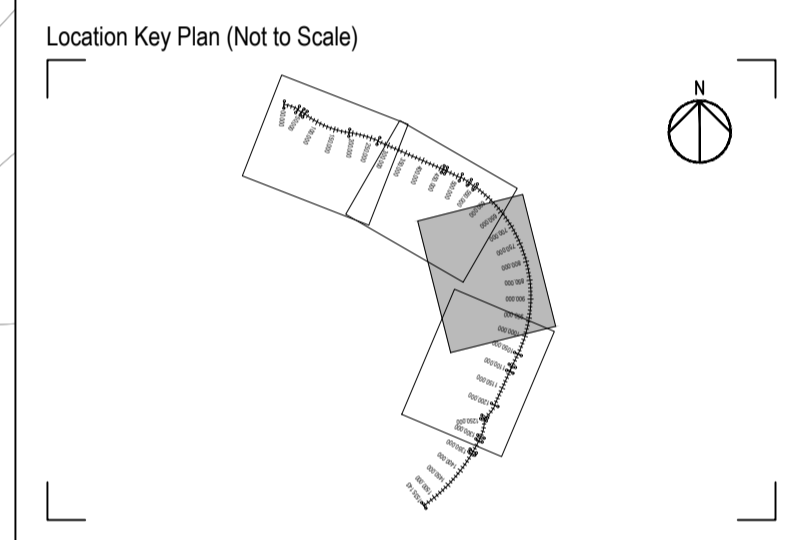
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**PLAN**  
Scale 1:500

- NOTES:
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Rev	Drawn	Checked	App'd	Description	Date
P03	CS	KS	AB	HIGHWAY LAYOUT UPDATED	16.10.20
P02	JPC	KS	AB	NOTES ADDED AND KEY UPDATED	28.06.20
P01	JPC	DAH	KS	FIRST ISSUE	03.07.20

Purpose of Issue  
**For Planning** **S0**

Classification  
**Public**



Project  
**A29 Realignment Scheme**

Drawing  
**A29 Link Road  
Plan and Profile  
Sheet 3 of 4**

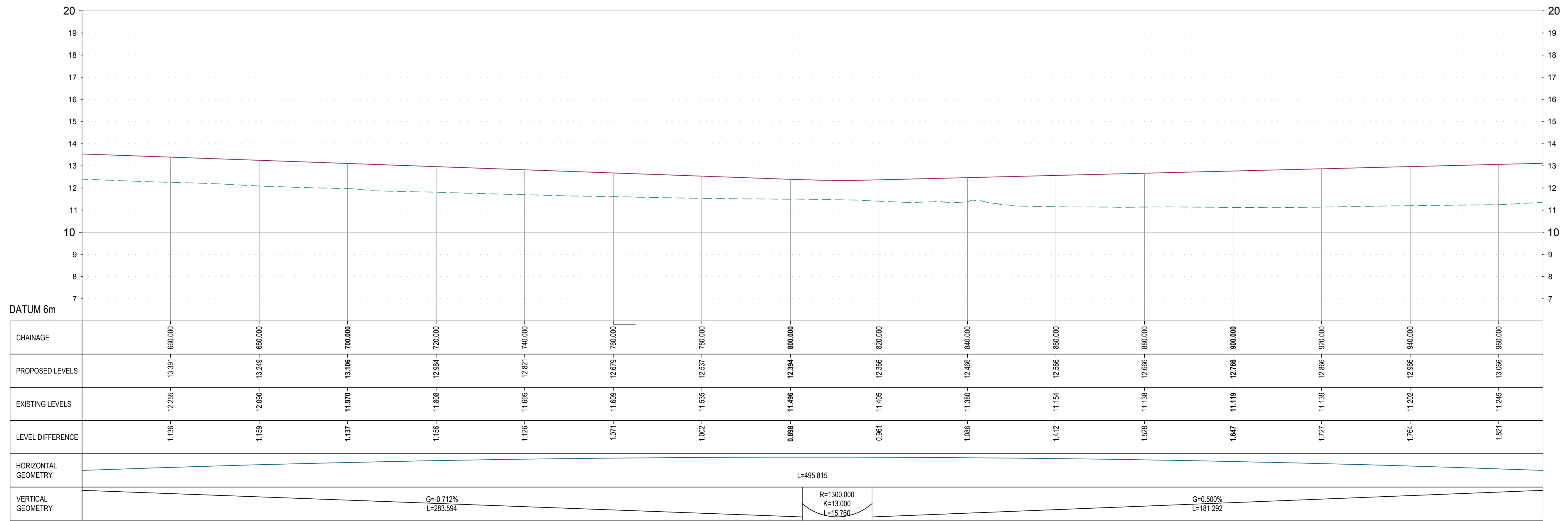
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AS SHOWN	JPC	DAH	KS

Project No. **CS099505** Date **03.07.20**

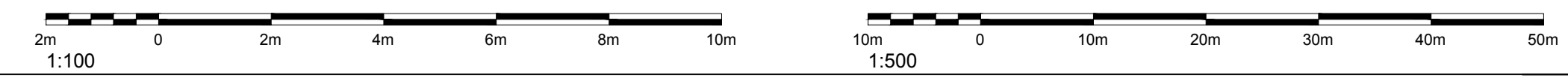
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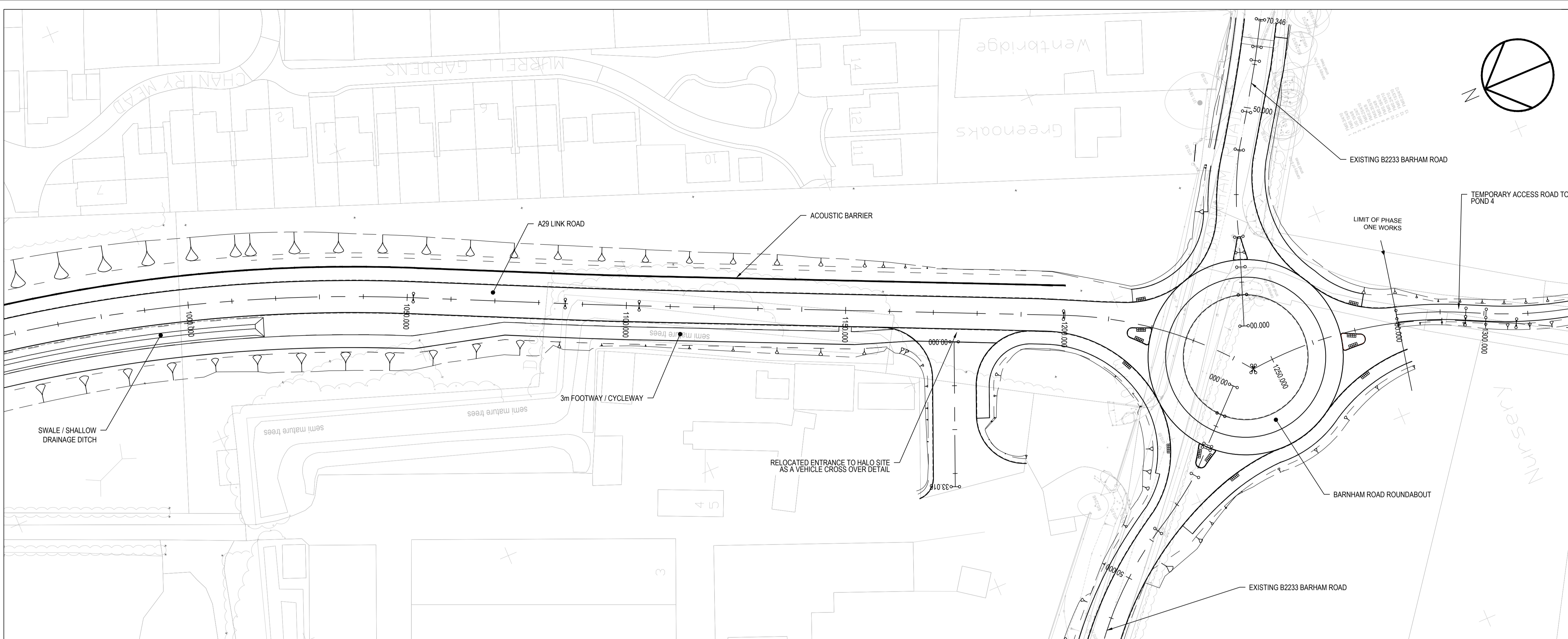


**PROFILE**  
Scale H 1:500, V 1:100

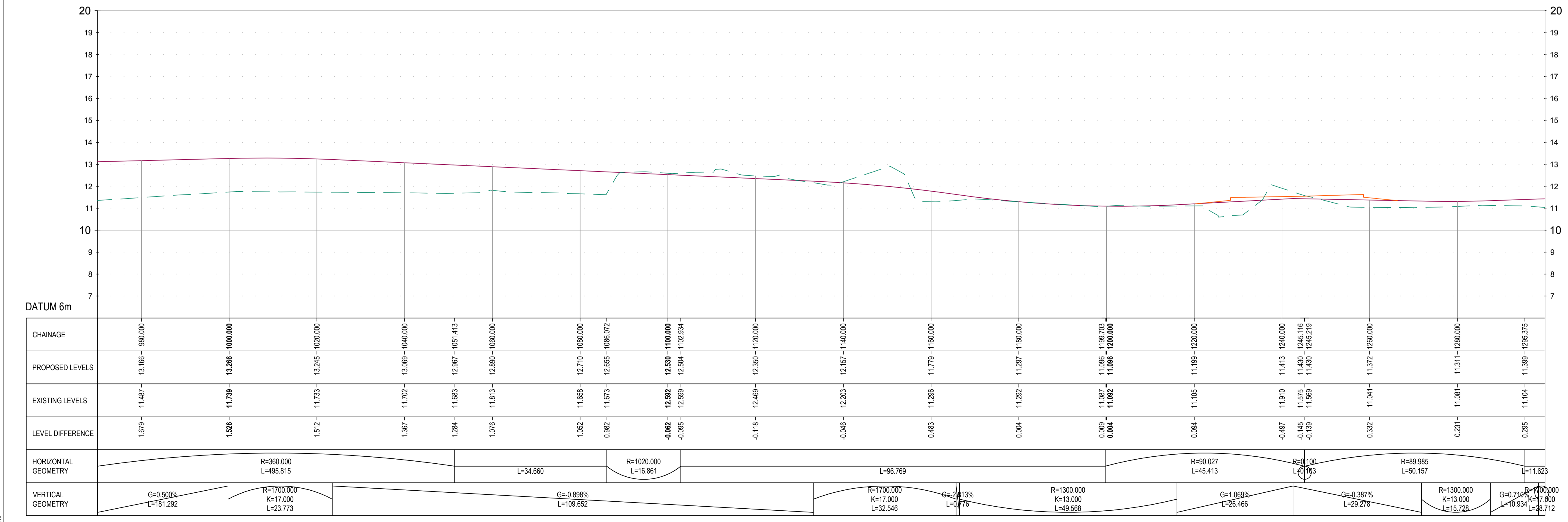


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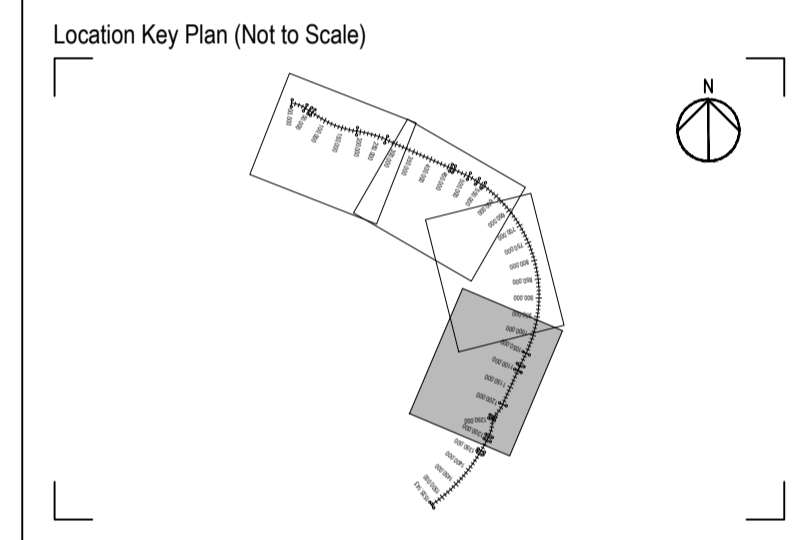


**PLAN**  
Scale 1:500



**PROFILE**  
Scale H 1:500, V 1:100

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  - TREE
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  - PROPOSED GROUND LEVEL
  - ROUNDABOUT PROFILE
- R** RADIUS  
**L** LENGTH  
**G** GRADIENT  
**K** K VALUE



Rev	Drawn	Checked	App'd	Description	Date
P04	LR	KS	AB	LABELS AMENDED	21.10.20
P03	CS	KS	AB	HIGHWAY LAYOUT UPDATED	16.10.20
P02	JPC	KS	AB	NOTES ADDED AND KEY UPDATED	28.08.20
P01	JPC	DAH	KS	FIRST ISSUE	03.07.20

Purpose of Issue: **For Planning** SO

Classification: **Public**



Project: **A29 Realignment Scheme**

Drawing: **A29 Link Road Plan and Profile Sheet 4 of 4**

Scale @ A1	Drawn	Checked	Approved
AS SHOWN	JPC	DAH	KS

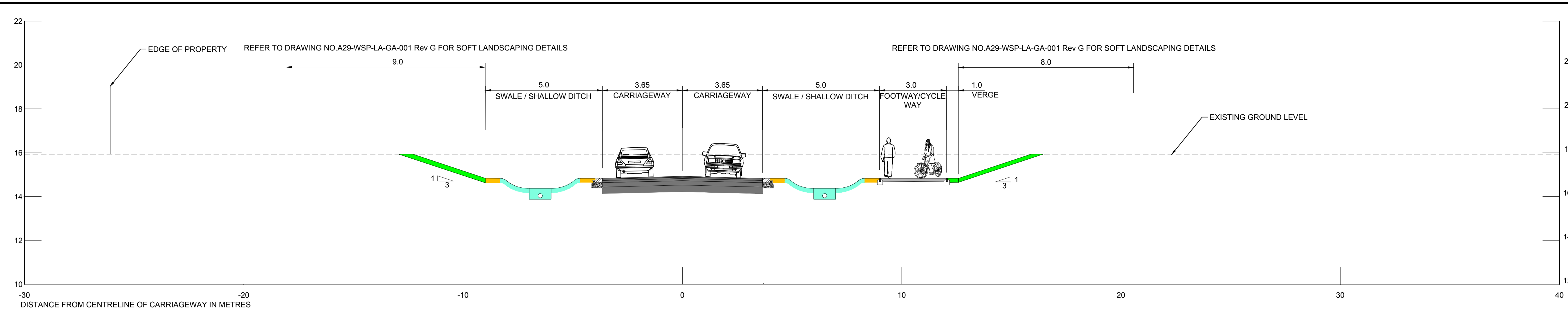
Project No. CS099505 Date: 03.07.20

Drawing Identifier: A29-CAP-HPN-00-DR-C-0178 revision: P04

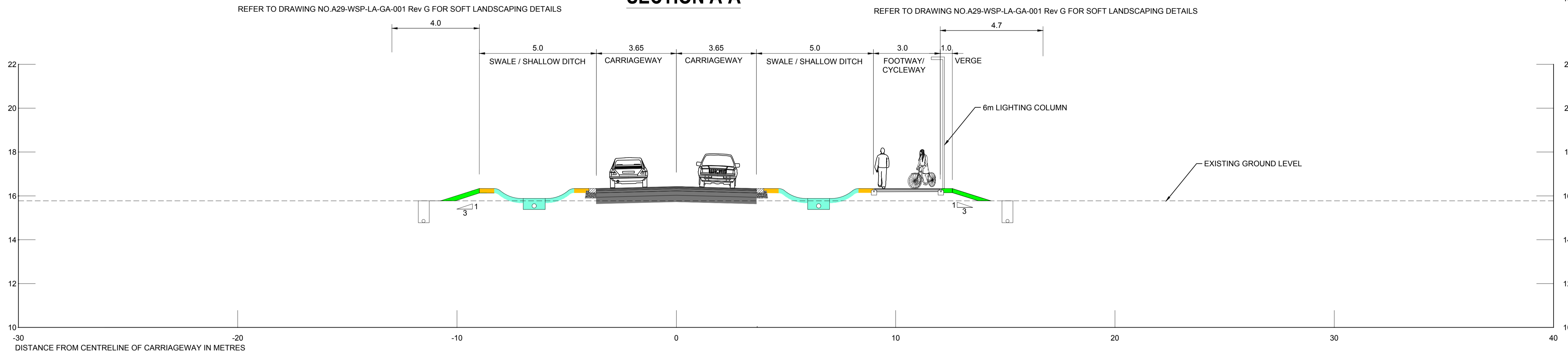


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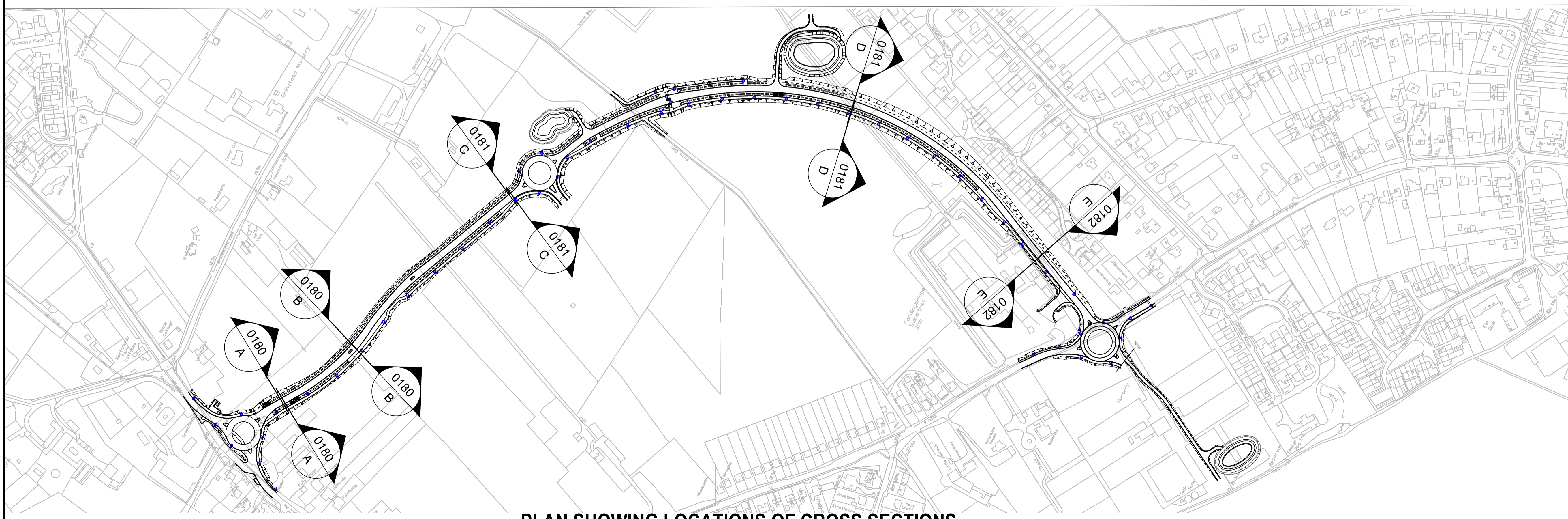




**SECTION A-A**



**SECTION B-B**



**PLAN SHOWING LOCATIONS OF CROSS SECTIONS**

- NOTES:
1. ALL DIMS IN METRES UNLESS OTHERWISE STATED.
  2. EXISTING GROUND PROFILE INDICATIVE.
- KEY:
- EXISTING GROUND
  - PROPOSED GROUND

Rev	Drawn	Checked	App'd	Description	Date
001	LR	KS	AB	REFERENCE TO LANDSCAPE DRAWINGS ADDED	21-10-20
002	CS	KS	AB	LIGHTING COLUMNS ADDED	16-10-20
003	PD	KS	AB	IMPROVEMENTS	04-08-20
004	CS	KS	AB	UPDATED MOODS	26-08-20
005	PD	DAH	KS	FIRST ISSUE FOR REVIEW	15-07-20

Rev 005  
 Purpose of Issue: For Planning  
 Status: S0

Classification: Commercial in Confidence



Project: A29 Realignment Scheme

Drawing: Cross Sections  
 Sheet 1 of 3

Scale @	Drawn	Checked	Approved
A5 SHOWN	PD	DAH	KS

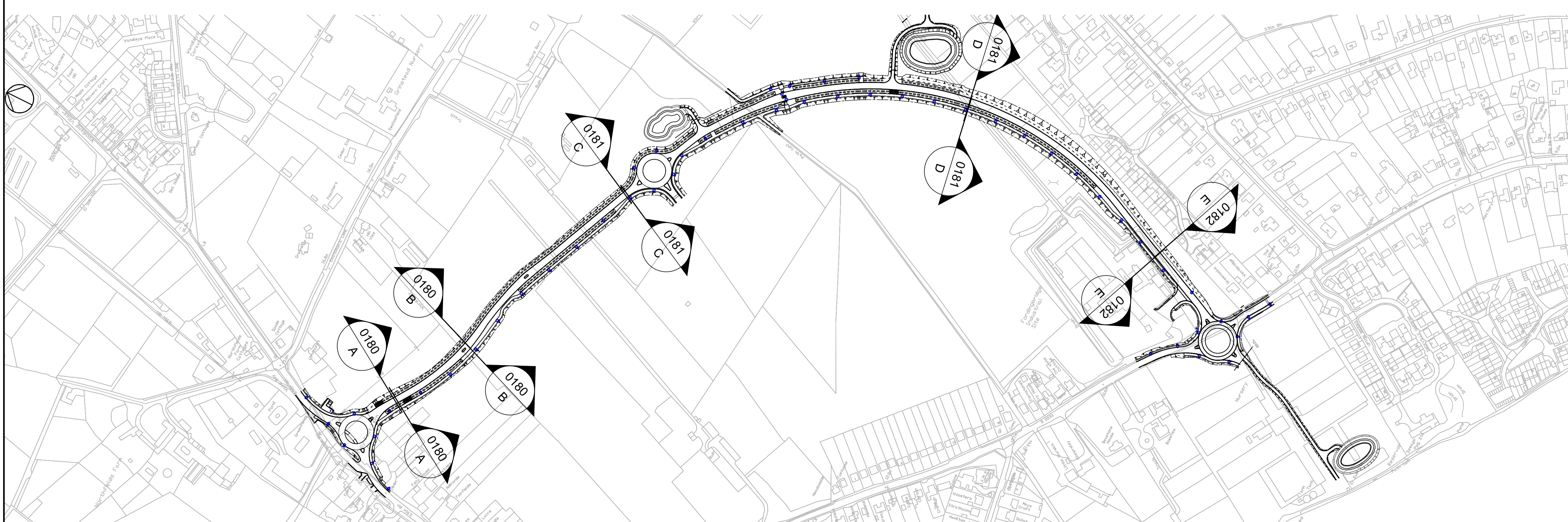
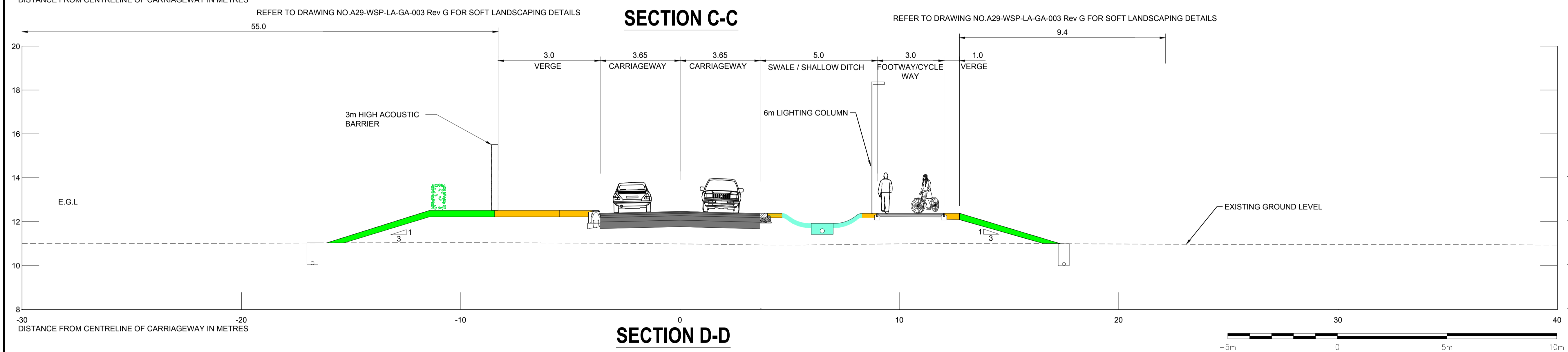
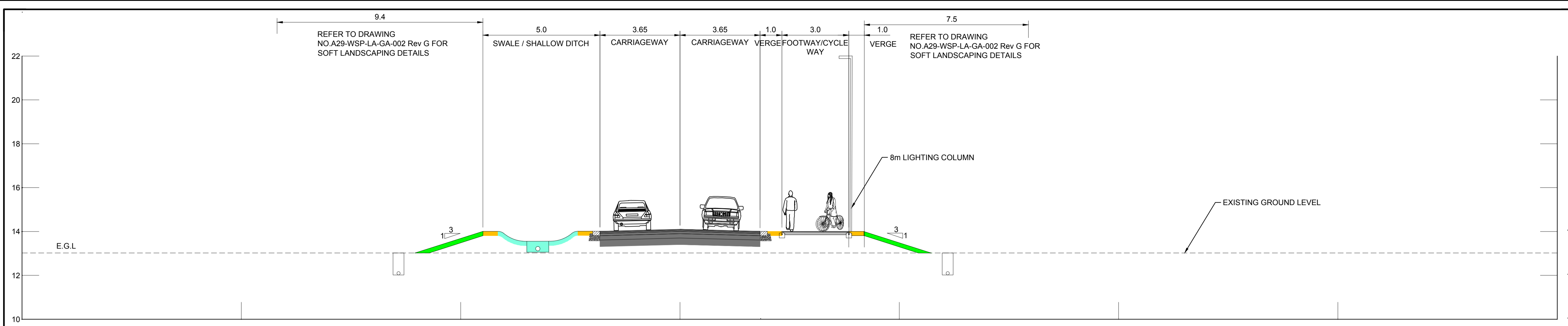
Project No.: CS099505  
 Date: 08-07-20

Drawing Identifier	Project - Originator - Zone - Level - File Type - Role - Number	Revision
A29-CAP-HPN-00-DR-C-0180		P05

**CAPITA**  
 HIGHWAYS  
 Capita House, Wood Street, East Grinstead, RH19 1UU  
 01342 327161  
[www.capitaproperty.co.uk](http://www.capitaproperty.co.uk)  
 Capita Property and Infrastructure Ltd.

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- NOTES:
1. ALL DIMS IN METRES UNLESS OTHERWISE STATED.
  2. EXISTING GROUND PROFILE INDICATIVE.



Rev	Drawn	Checked	Approved	Description	Date
001	LR	KS	AB	REFERENCE TO LANDSCAPE DRAWINGS ADDED	21-10-20
002	CS	KS	AB	LIGHTING COLUMNS ADDED	16-10-20
003	PD	KS	AB	AMENDMENT	04-08-20
004	LA	KS	AB	UPDATED NOTES	29-08-20
005	PD	DAH	KS	FIRST ISSUE FOR REVIEW	13-07-20

Rev: 005  
 Drawn: LR  
 Checked: KS  
 Approved: AB

Purpose of Issue: For Planning  
 Status: S0

Classification: Commercial in Confidence



Project: A29 Realignment Scheme

Drawing: Cross Sections  
 Sheet 2 of 3

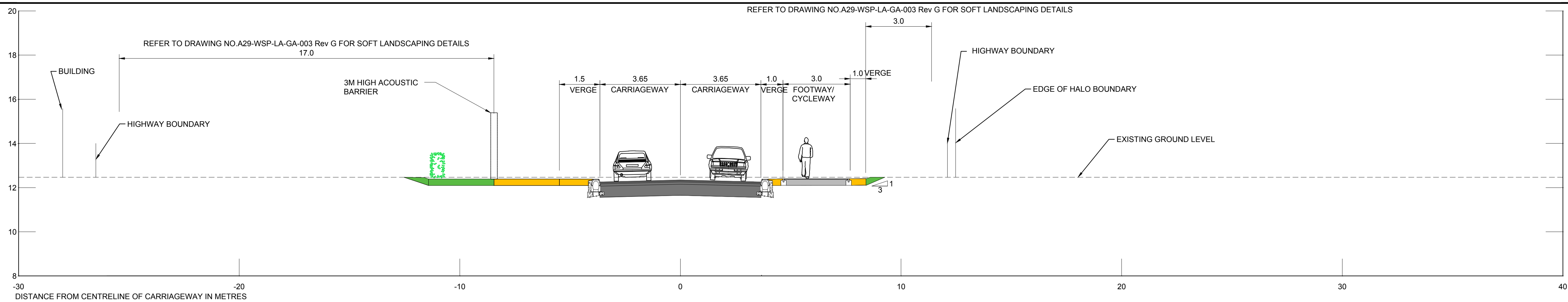
Scale @	Drawn	Checked	Approved
A1 1:100	PD	DAH	KS

Project No.	Date
CS099505	08-07-20

Drawing Identifier	BS1192 Compliant
A29-CAP-HPN-00-DR-C-0181	Revision P05

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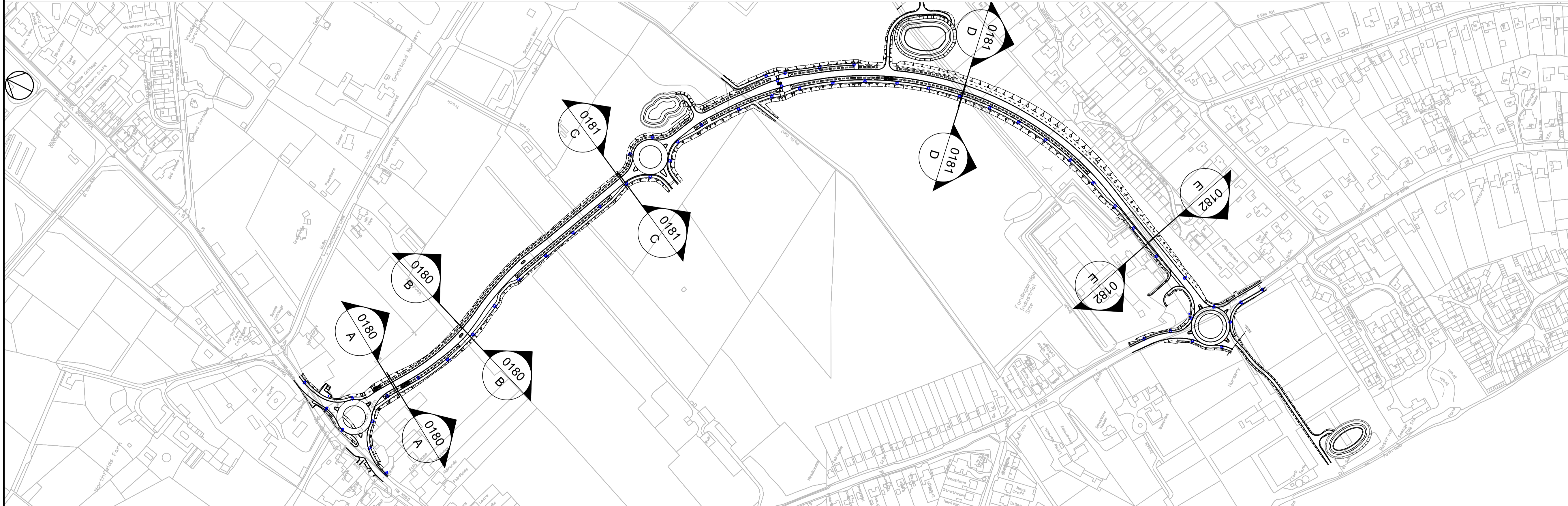




**SECTION E-E**



- NOTES:
- ALL DIMS IN METRES UNLESS OTHERWISE STATED.
  - EXISTING GROUND PROFILE INDICATIVE.
- KEY:
- EXISTING GROUND
  - PROPOSED GROUND



**PLAN SHOWING LOCATIONS OF CROSS SECTIONS**

SCALE 1:2500



Rev	Drawn	Checked	Approved	Description	Date
001	LR	KS	AB	REFERENCE TO LANDSCAPE DRAWINGS ADDED	21-10-20
002	CS	KS	AB	LIGHTING COLUMNS ADDED	16-10-20
003	PD	KS	AB	AMENDMENT	04-08-20
004	LR	KS	AB	UPDATED MODEL	28-08-20
005	PD	DAH	KS	FIRST ISSUE FOR REVIEW	13-07-20

Purpose of Issue: **For Planning**  
 Status: **S0**

Classification: **Commercial in Confidence**



Project: **A29 Realignment Scheme**

Drawing: **Cross Sections**  
 Sheet 3 of 3

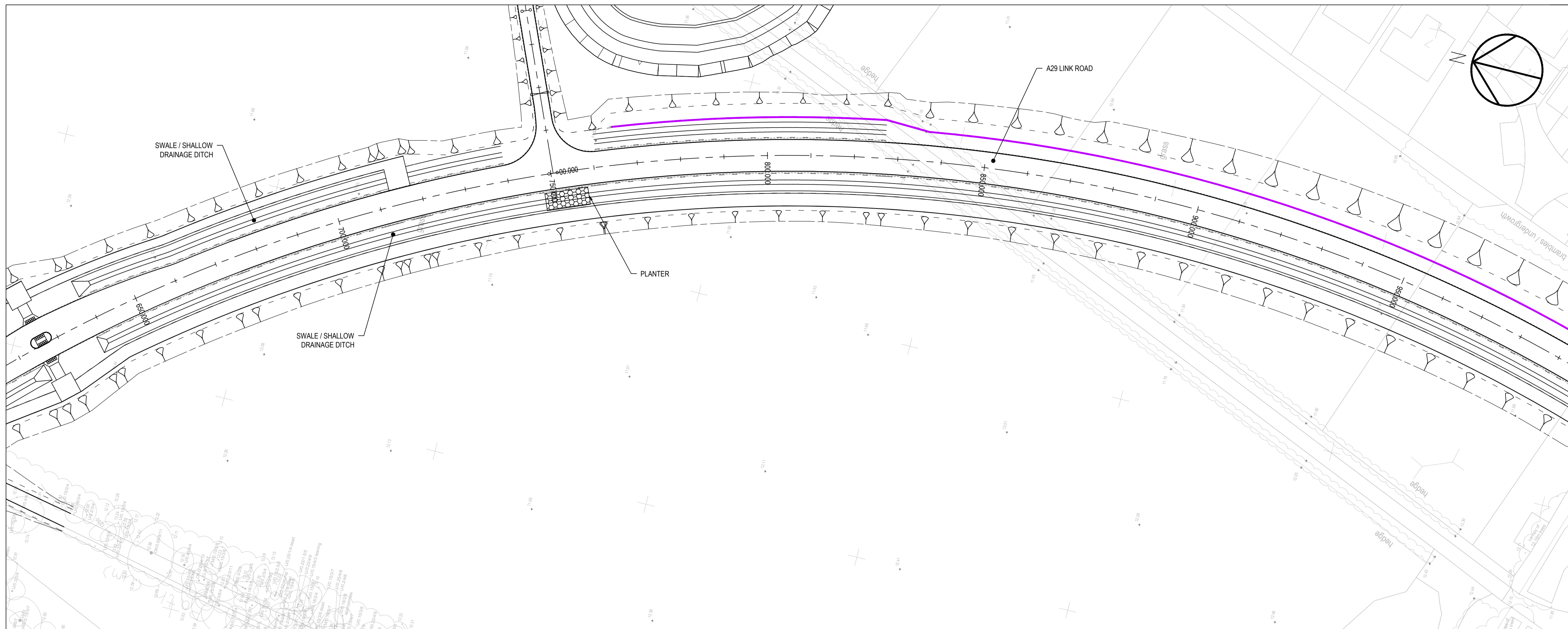
Scale @	Drawn	Checked	Approved
A1 1:100	PD	DAH	KS

Project No.: **CS099505**      Date: **08-07-20**

Project - Originator - Zone - Level - File Type - Role - Number	Revision
<b>A29-CAP-HPN-00-DR-C-0182</b>	<b>P05</b>

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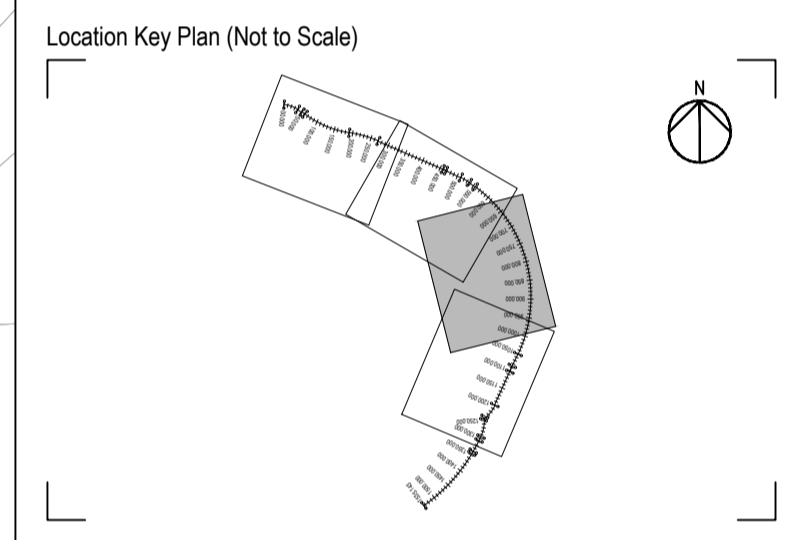




**PLAN**  
Scale 1:500

- NOTES:
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
  - FOR FULL DETAILS OF HIGHWAY LAYOUT SEE DRAWING Nos. A29-CAP-HPN-00-DR-C-0132 to 0136.
  - FOR CROSS SECTIONS REFER TO DRAWING Nos. A29-CAP-HPN-00-DR-C-0180 to 0182.

- KEY (PLAN):
- CENTRELINE WITH CHAINAGE IN METRES
  - ENGINEERING EARTHWORKS
  - ACOUSTIC BARRIER
- KEY (PROFILE):
- EXISTING GROUND LEVEL
  - PROPOSED GROUND LEVEL
  - ROUNDBOUT PROFILE
- R RADIUS  
L LENGTH  
G GRADIENT  
K K VALUE



Rev	Drawn	Chk'd	App'd	Description	Date
P03	CS	KS	AB	HIGHWAY LAYOUT UPDATED	16.10.20
P02	AB	KS	AB	UPDATED MODELS	28.06.20
P01	JPC	DAH	KS	FIRST ISSUE	13.07.20

Purpose of Issue  
**For Planning** **S0**

Classification  
**Public**

Client



Project  
**A29 Realignment Scheme**

Drawing  
**Proposed Elevations Acoustic Barrier Sheet 1 of 2**

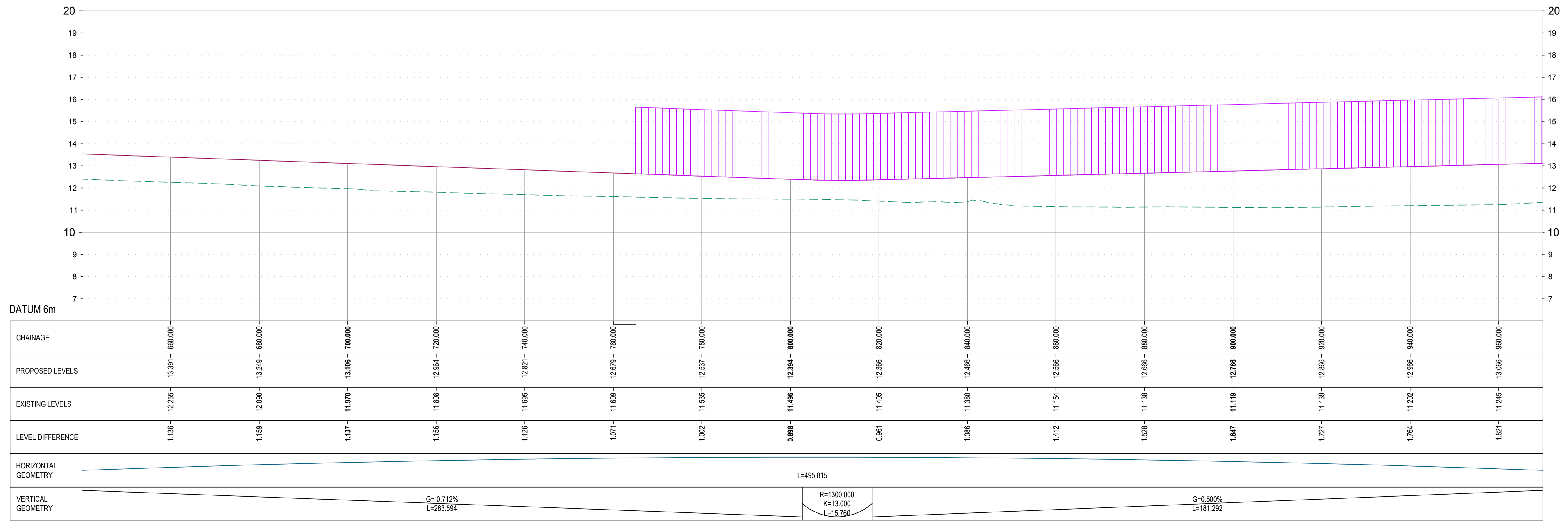
Scale @ A1	Drawn	Checked	Approved
AS SHOWN	JPC	DAH	KS

Project No. **CS099505** Date **13.07.20**

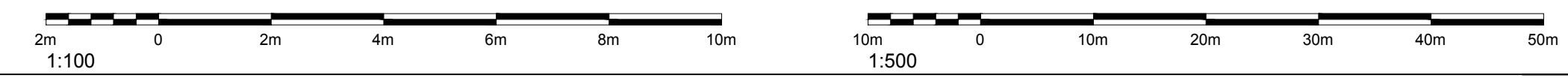
Drawing Identifier **A29-CAP-HPN-00-DR-C-0183** revision **P03**



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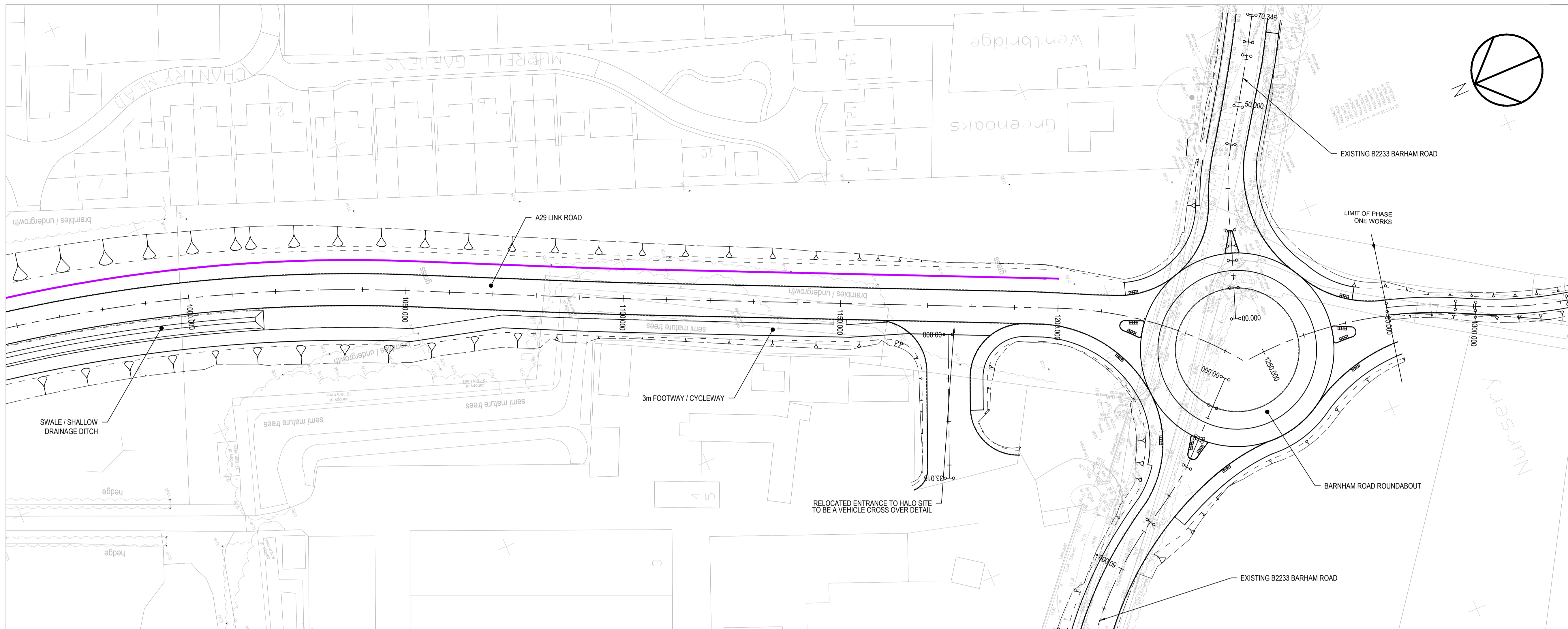


**PROFILE**  
Scale H 1:500, V 1:100



Print Date: 16/07/2020 16:46:54

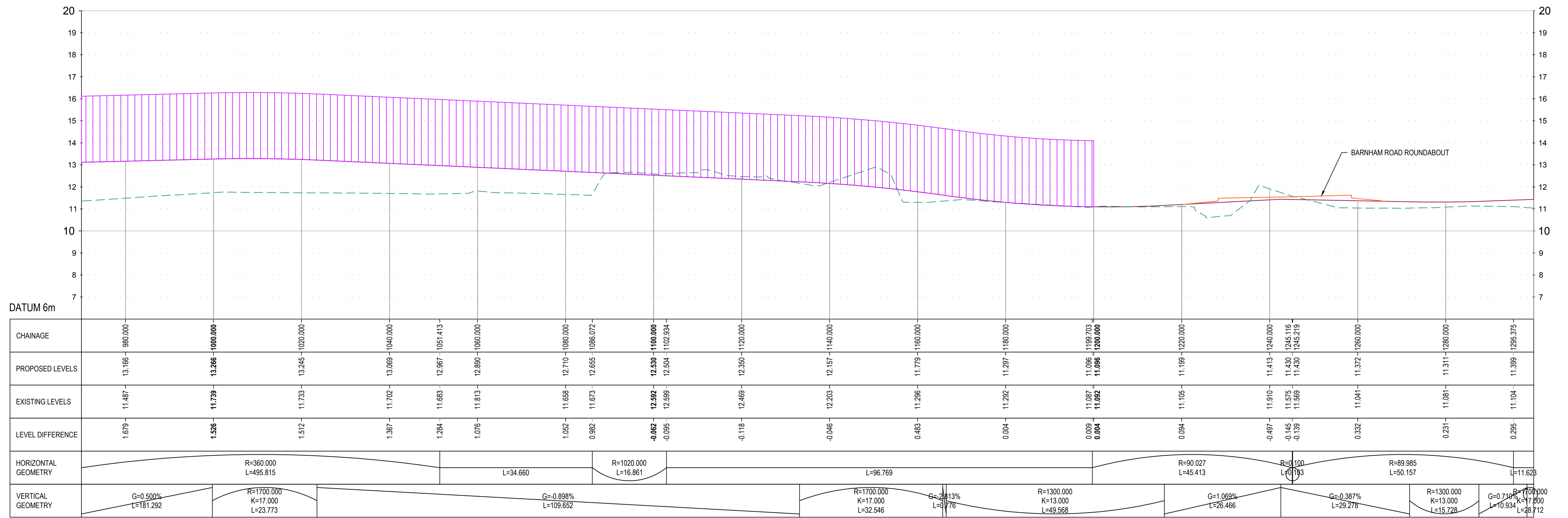
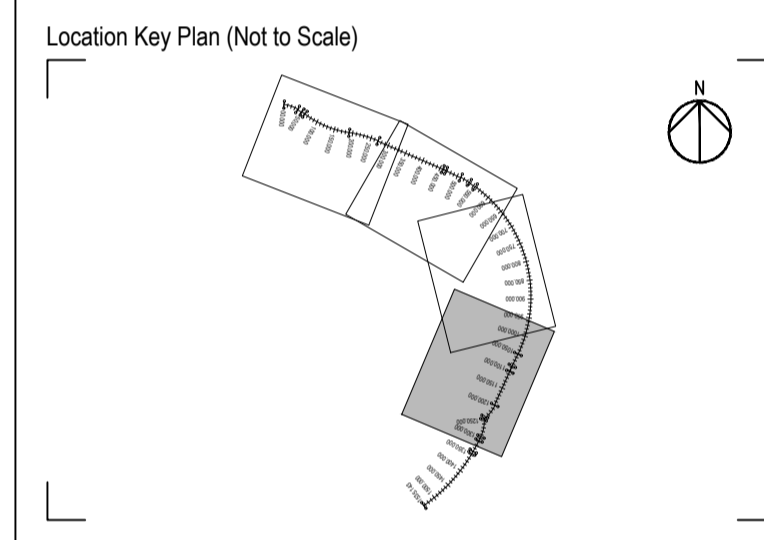




**PLAN**  
Scale 1:500

- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
  - FOR FULL DETAILS OF HIGHWAY LAYOUT SEE DRAWING Nos. A29-CAP-HPN-00-DR-C-0132 to 0136.
  - FOR CROSS SECTIONS REFER TO DRAWING Nos. A29-CAP-HPN-00-DR-C-0180 to 0182.

- KEY (PLAN):**
- CENTRELINE WITH CHAINAGE IN METRES
  - ENGINEERING EARTHWORKS
  - ACOUSTIC BARRIER
- KEY (PROFILE):**
- EXISTING GROUND LEVEL
  - PROPOSED GROUND LEVEL
  - ROUNDABOUT PROFILE
- R** RADIUS  
**L** LENGTH  
**G** GRADIENT  
**K** K VALUE



**PROFILE**  
Scale H 1:500, V 1:100

Rev	Drawn	Checked	App'd	Description	Date
P03	CS	KS	AB	HIGHWAY LAYOUT UPDATED	16.10.20
P02	AB	KS	AB	UPDATED MODELS	28.08.20
P01	JPC	DAH	KS	FIRST ISSUE	13.07.20

Purpose of Issue: **For Planning** S0

Classification: **Public**

Client: **west sussex county council** **Jackson**

Project: **A29 Realignment Scheme**

Drawing: **Proposed Elevations Acoustic Barrier Sheet 2 of 2**

Scale @ A1: **AS SHOWN** Drawn: **JPC** Checked: **DAH** Approved: **KS**

Project No.: **CS099505** Date: **13.07.20**

Drawing Identifier: **A29-CAP-HPN-00-DR-C-0184** revision: **P03**