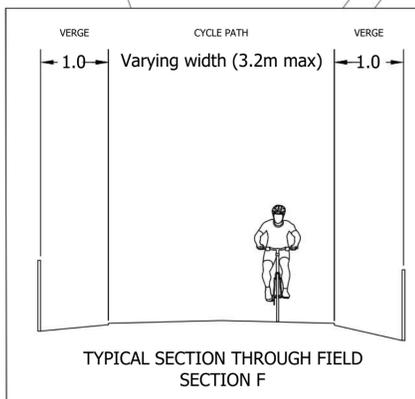
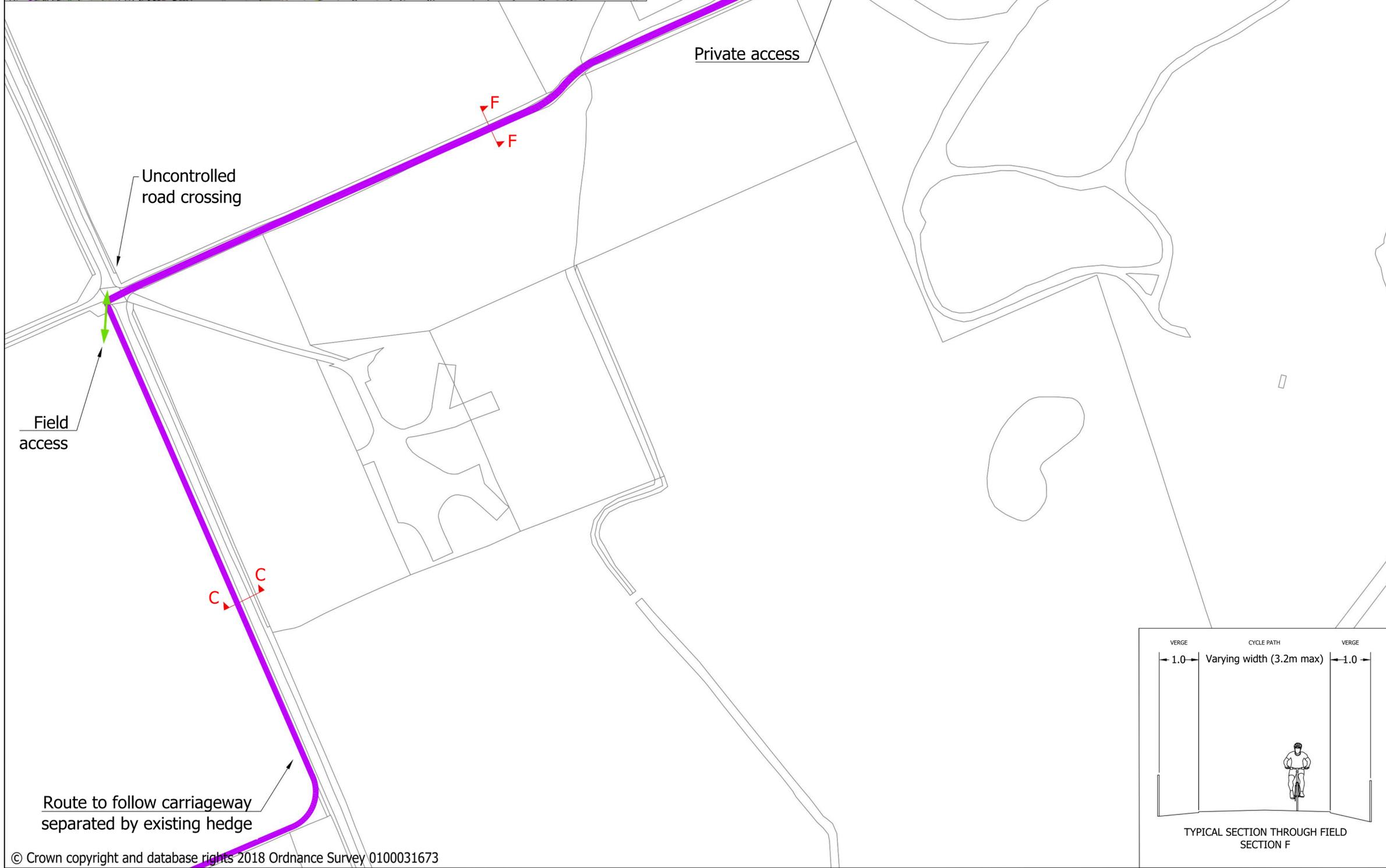


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PI				
REV.	DETAILS	DRAWN	CHECKED	DATE

CLIENT:
MORAY COUNCIL

PROJECT:
**Hopeman to Lossiemouth
Cycle Design**

DRAWING TITLE:
**Route 4a
Proposed Layout**

SCALES:
1:1000 @ A1

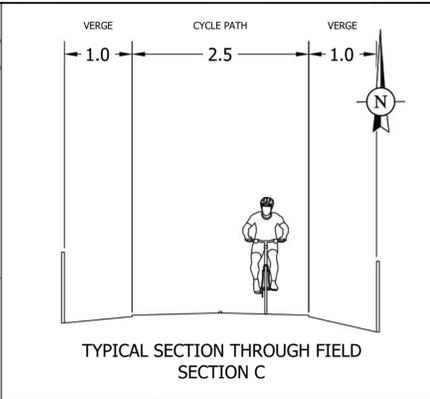
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WYG Transport Planning
part of the WYG group

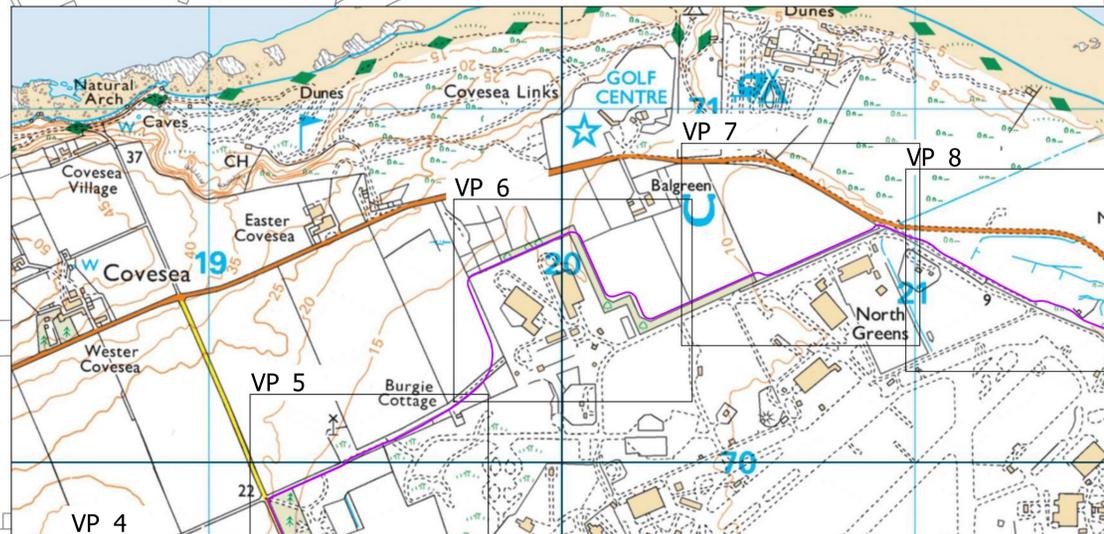


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REV.	DETAILS	DRAWN	CHECKED	DATE

CLIENT:
MORAY COUNCIL

PROJECT:
**Hopeman to Lossiemouth
Cycle Design**

DRAWING TITLE:
**Route 4a
Proposed Layout**

SCALES:
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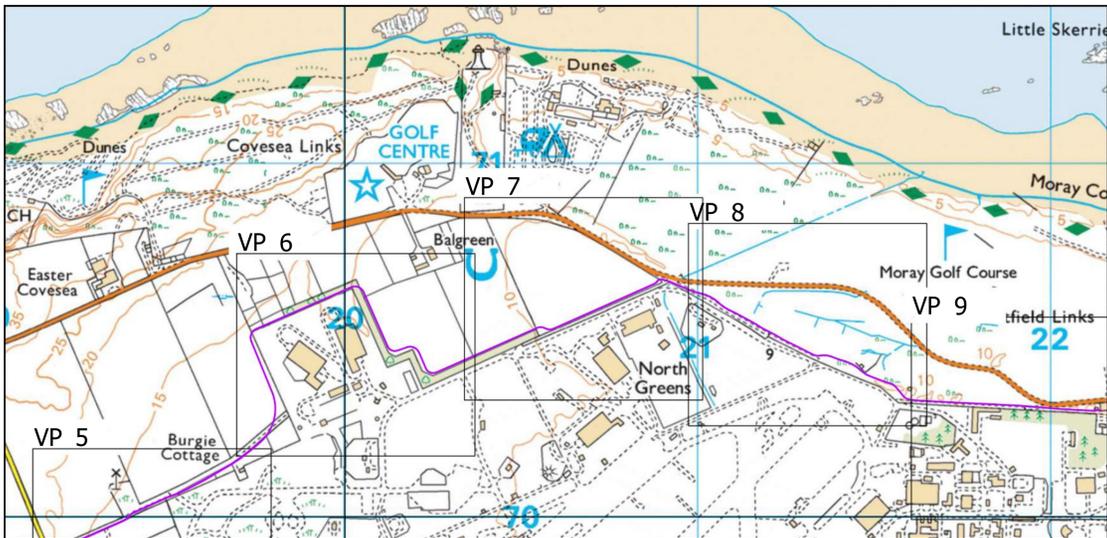
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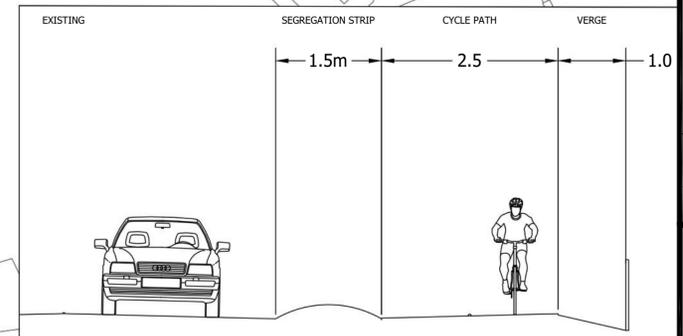
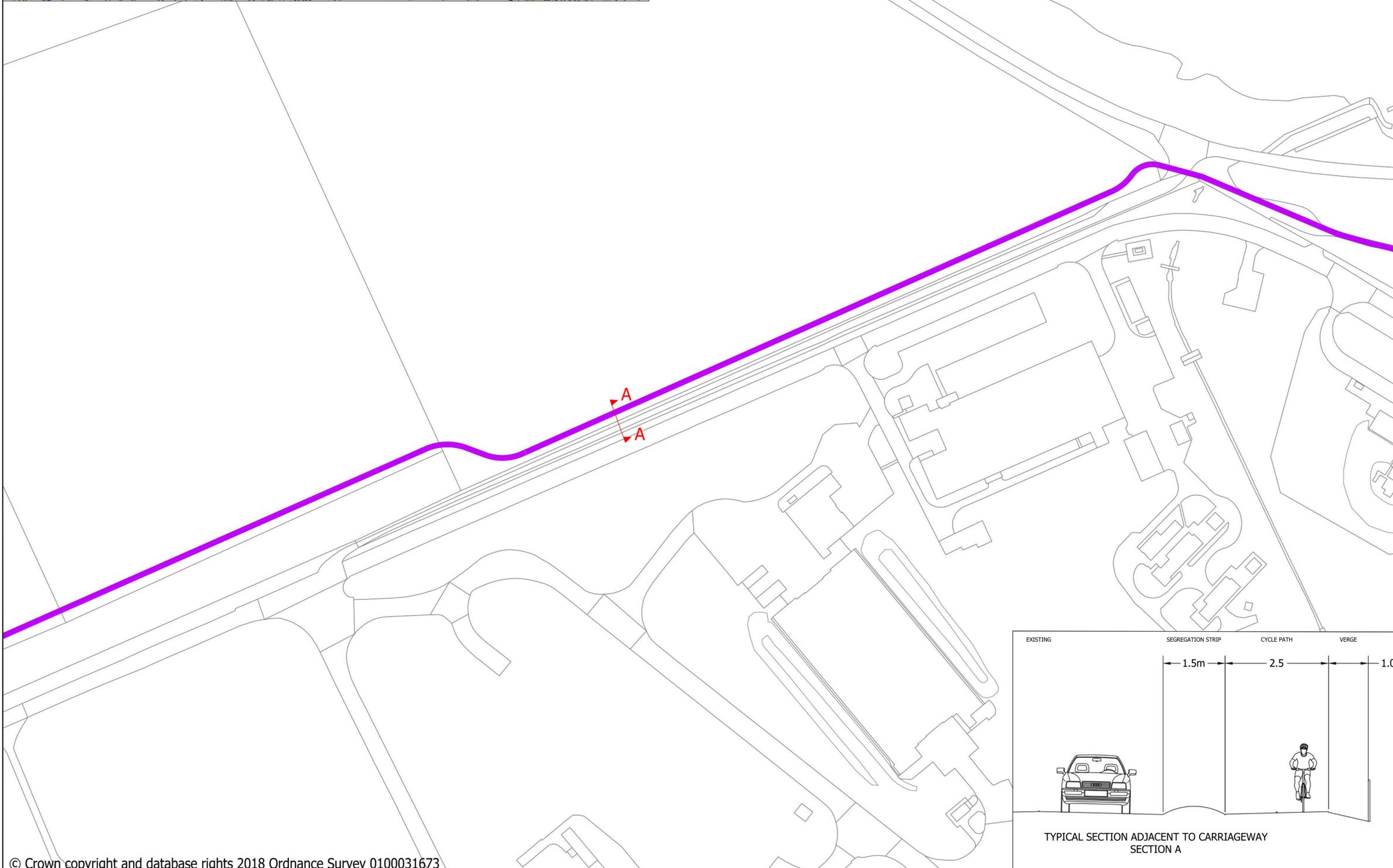


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TYPICAL SECTION ADJACENT TO CARRIAGEWAY
SECTION A

P1				
REV.	DETAILS	DRAWN	CHECKED	DATE

CLIENT:
MORAY COUNCIL

PROJECT:
**Hopeman to Lossiemouth
Cycle Design**

DRAWING TITLE:
**Route 4a
Proposed Layout**

SCALES:
1:1000 @ A1

DRAWN: CN	CHECKED: JD	DATE: 26.11.18
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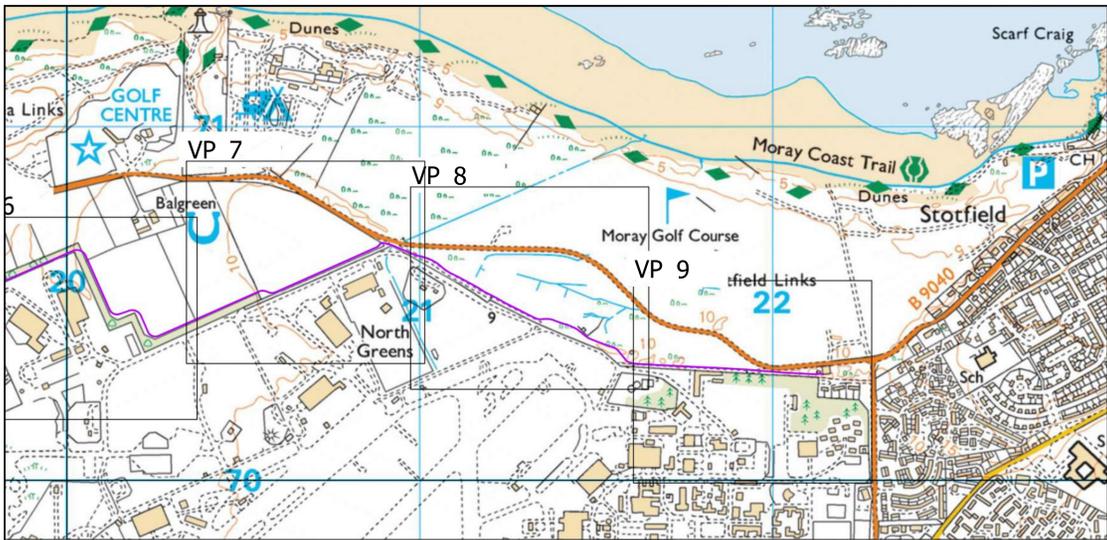
WYG Transport Planning
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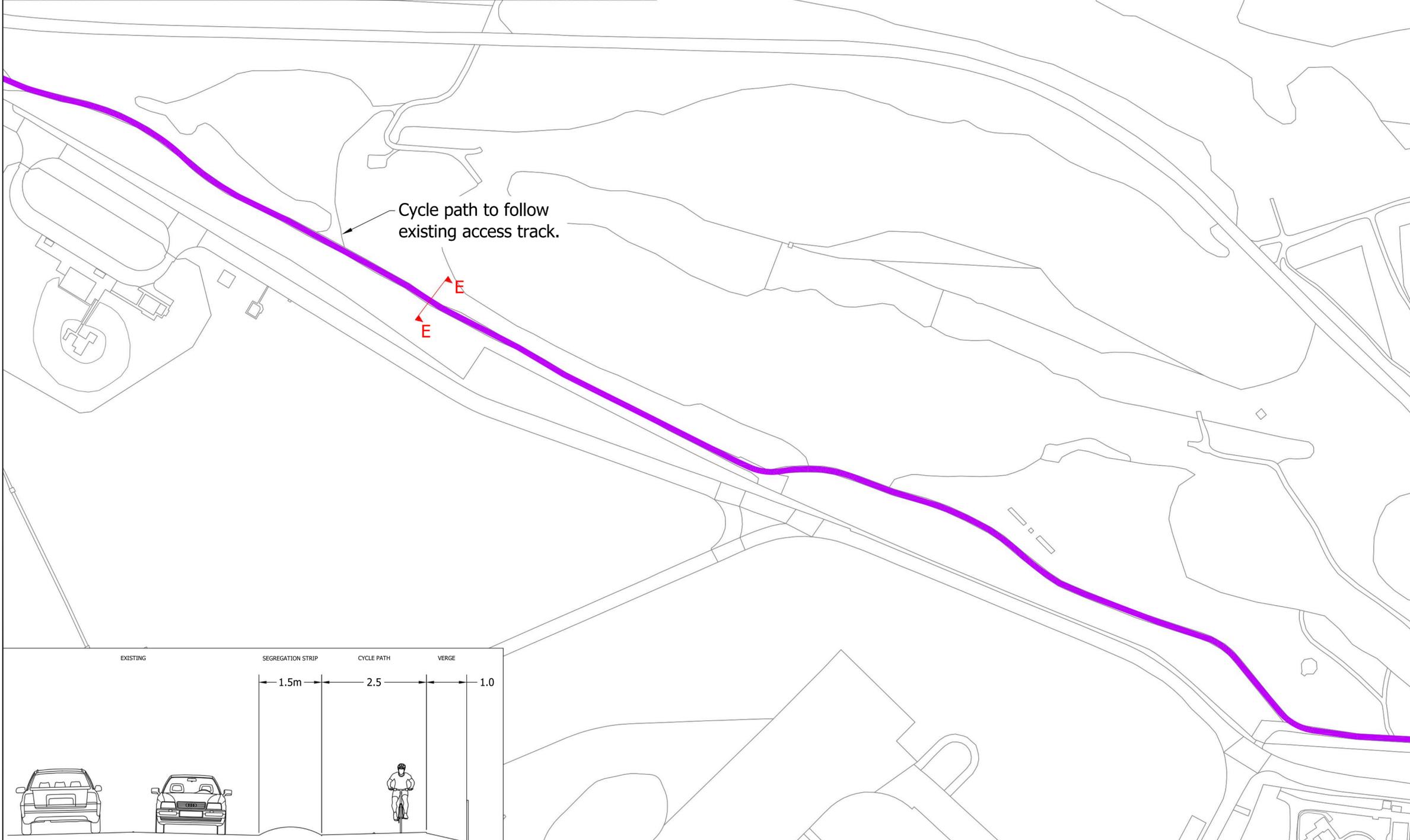
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DRAWING NUMBER:
A110395_407

REVISION:
P1



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Cycle path to follow existing access track.

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REV.	DETAILS	DRAWN	CHECKED	DATE

CLIENT:
MORAY COUNCIL

PROJECT:
**Hopeman to Lossiemouth
Cycle Design**

DRAWING TITLE:
**Route 4a
Proposed Layout**

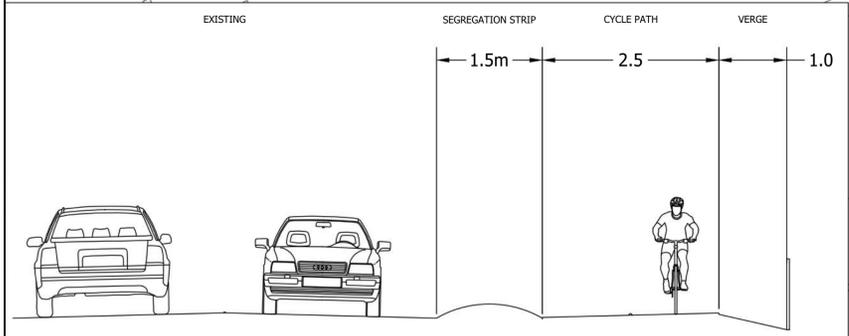
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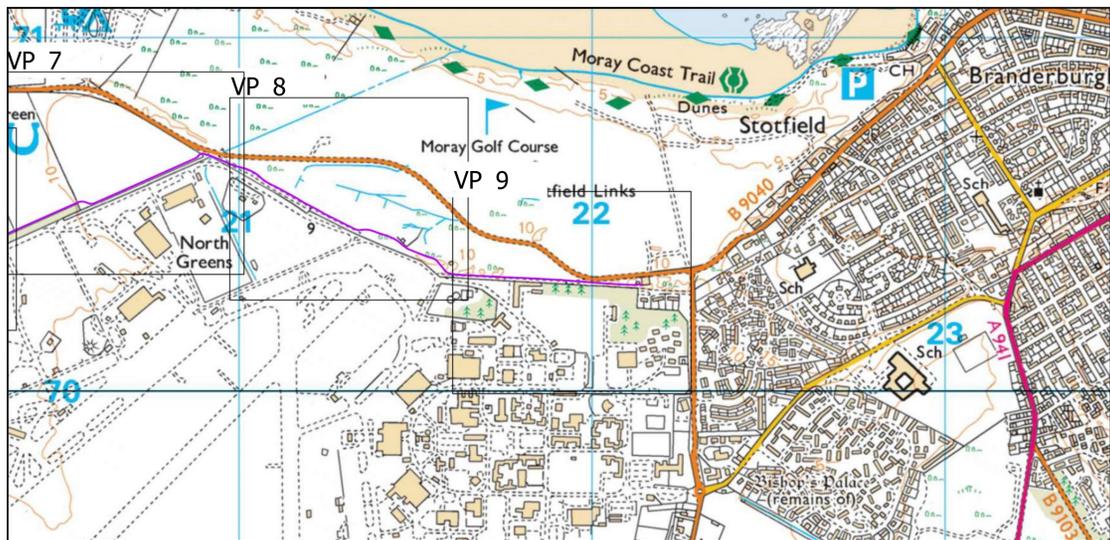
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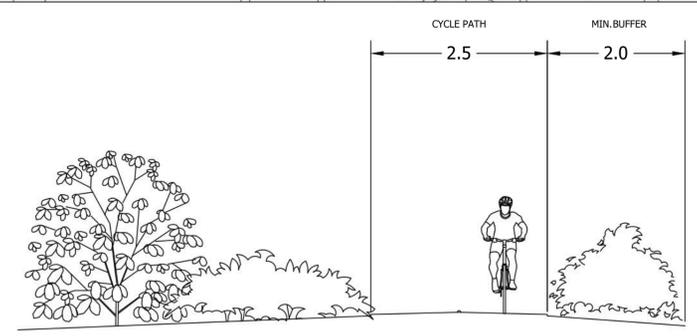
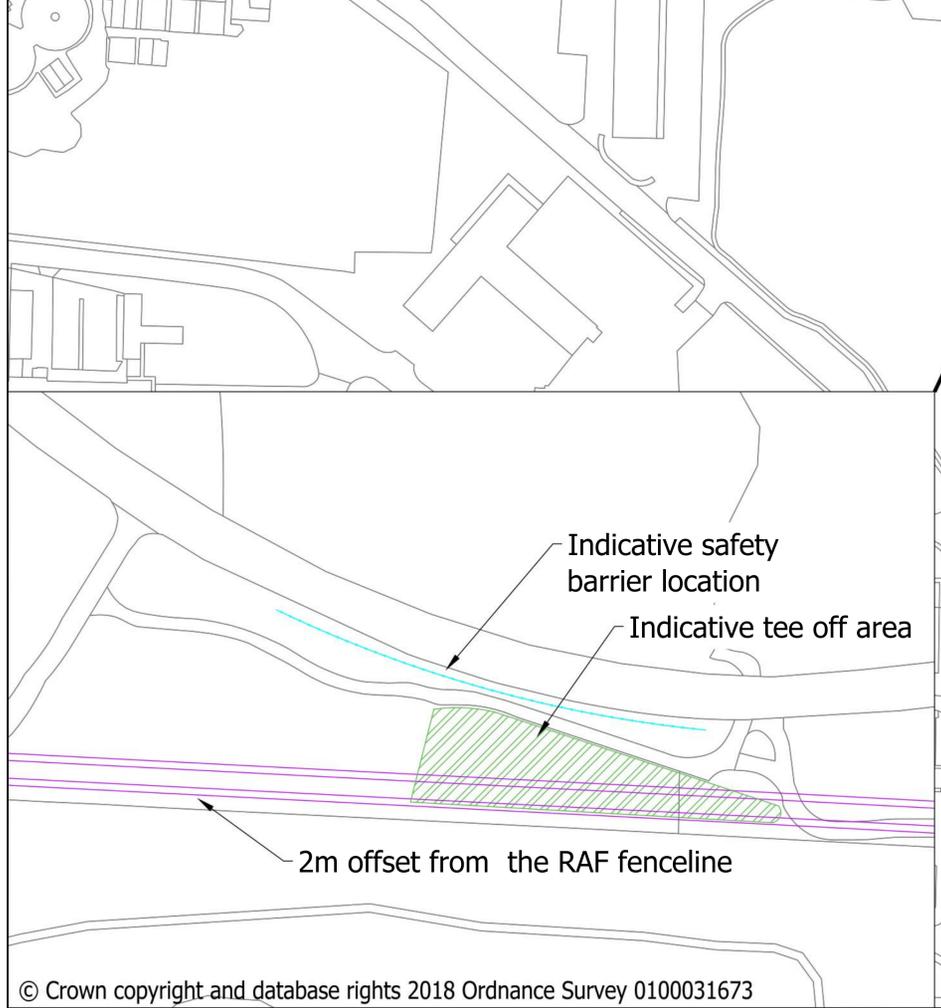
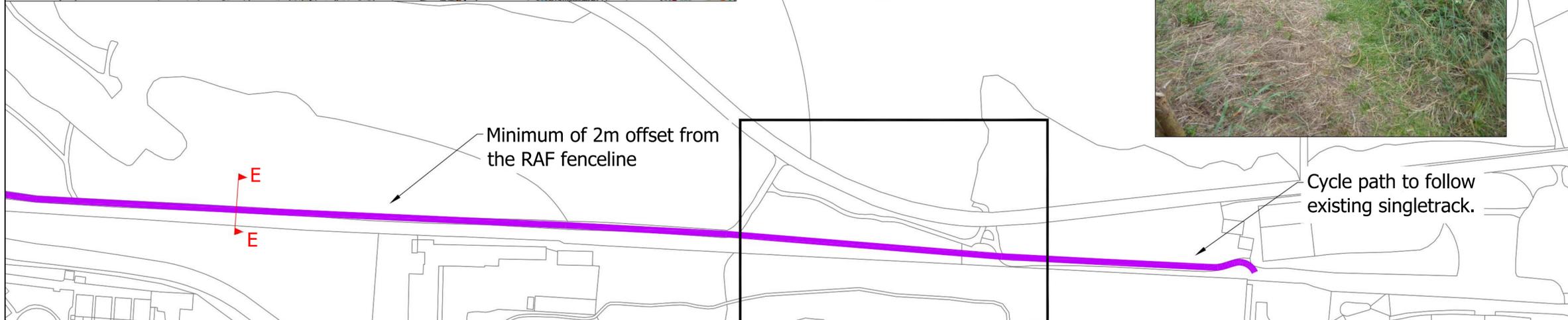
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TYPICAL SECTION ADJACENT TO CARRIAGEWAY



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INDICATIVE SECTION OFF ROAD SECTION E

PI	REV.	DETAILS	DRAWN	CHECKED	DATE

CLIENT: MORAY COUNCIL

PROJECT: Hopeman to Lossiemouth Cycle Design

DRAWING TITLE: Route 4a Proposed Layout

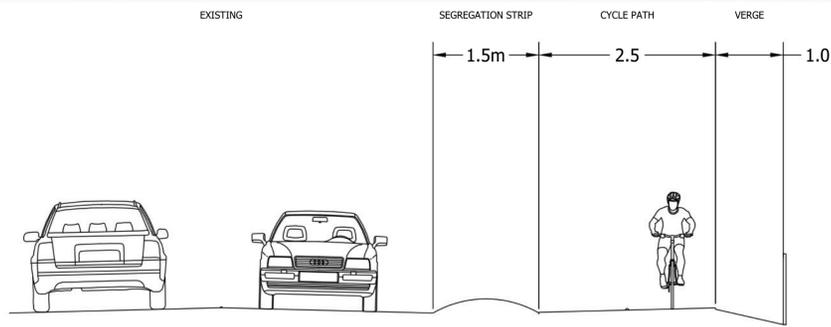
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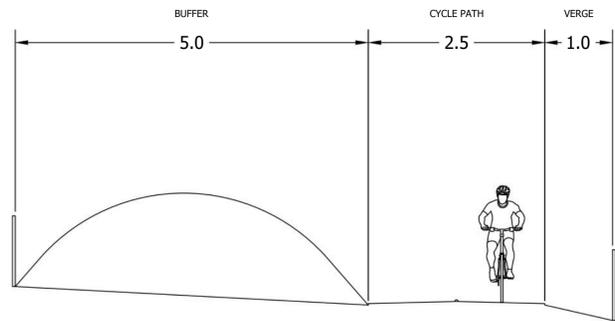
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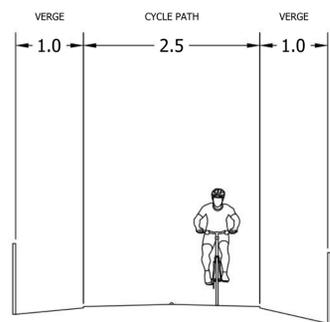
DRAWING NUMBER: A110395_409 REVISION: P1



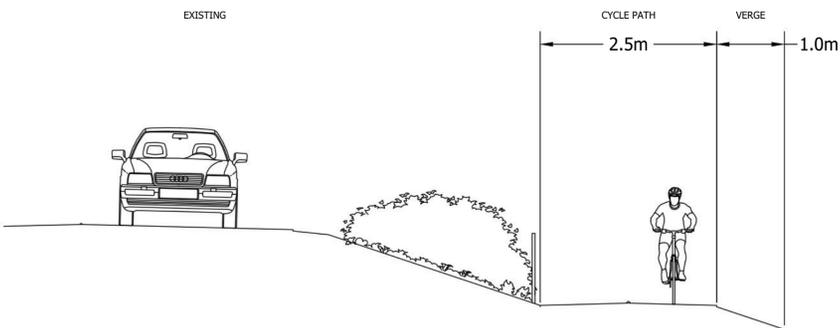
TYPICAL SECTION ADJACENT TO CARRIAGEWAY
SECTION A



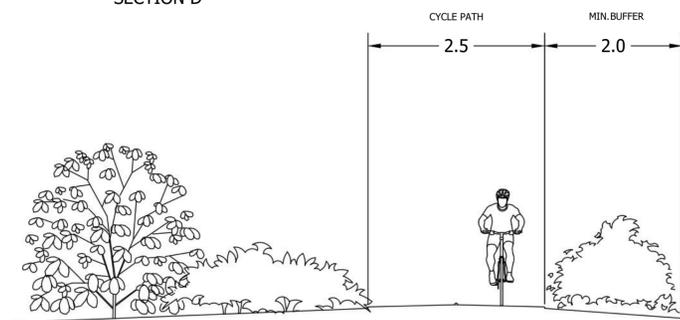
TYPICAL SECTION ADJACENT TO RESIDENTIAL AREAS
SECTION B



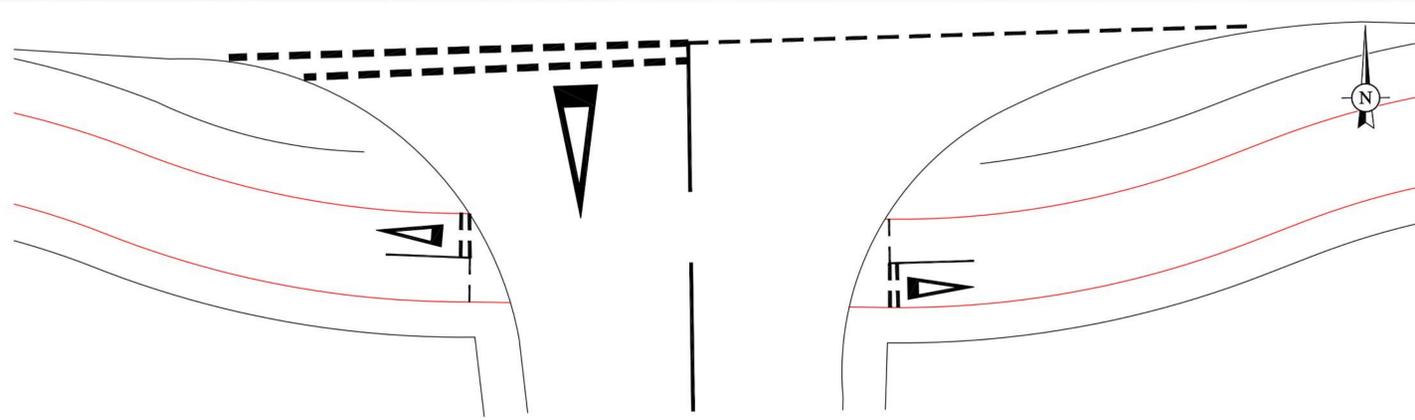
TYPICAL SECTION THROUGH FIELD
SECTION C



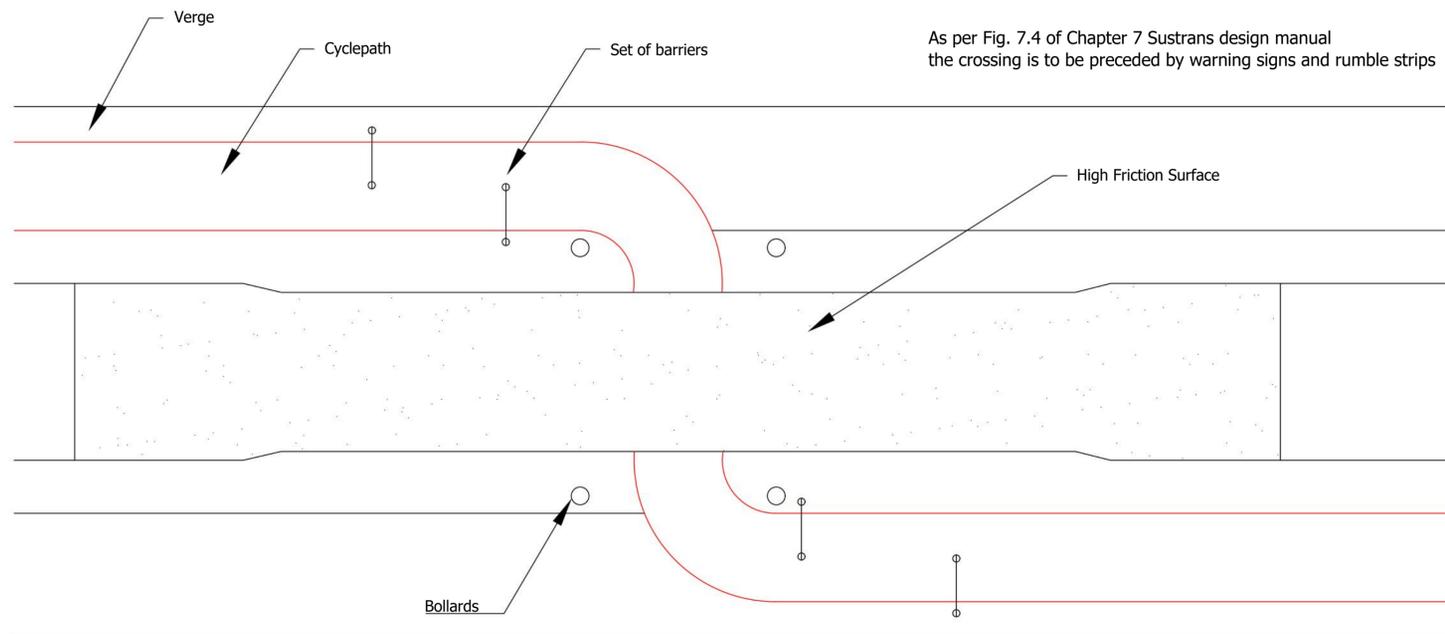
INDICATIVE SECTION OFF ROAD
SECTION D



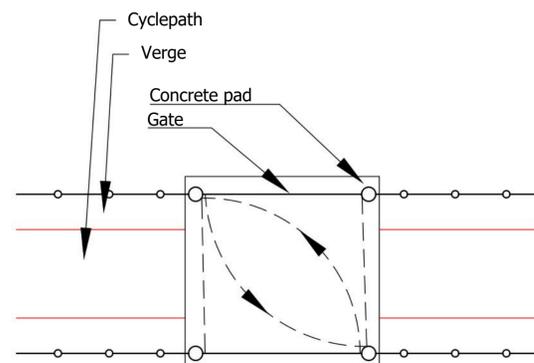
INDICATIVE SECTION OFF ROAD
SECTION E



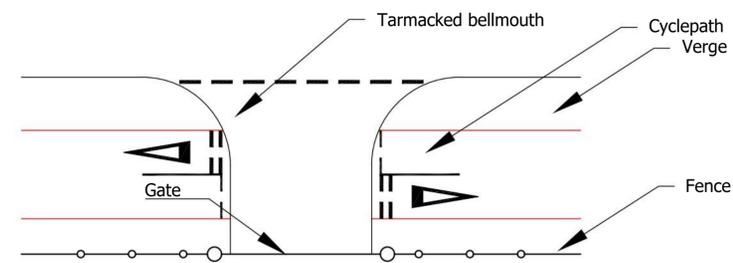
INDICATIVE CARRIAGEWAY CROSSING



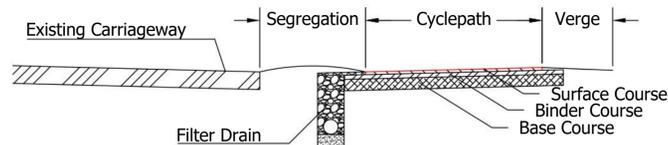
INDICATIVE MAJOR ROAD CROSSING



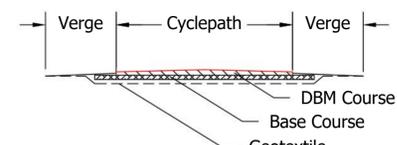
INDICATIVE FARM CROSSING
(Burnside)



INDICATIVE SIDE ACCESS CROSSING



INDICATIVE CROSS SECTION (ON-ROAD)



INDICATIVE CROSS SECTION (OFF-ROAD)

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P1				
REV.	DETAILS	DRAWN	CHECKED	DATE

CLIENT: MORAY COUNCIL

PROJECT: Hopenam to Lossiemouth Cycle Design

DRAWING TITLE: Indicative Construction Detail

SCALES: NTS

DRAWN: CN	CHECKED: JD	DATE: 26.11.18
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DRAWING NUMBER: A110395_901	REVISION: P1
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Appendix B

Indicative Cost Estimate

Item	Route 3 (Northern Alignment)	Route 3 (Northern Alignment)	Route 4a	Unit	Cost per unit measurement	North Route	South Route	Route 4a
Cycleway Adjacent to Carriageway	4117	3545	1932	m	£ 90	£ 926,325	£ 797,625	£ 556,416
Cycleway Remote from Carriageway	3058	3419	5294	m	£ 47	£ 357,228	£ 399,399	£ 618,432
Fencing	7397	6136	4404	m	£ 20	£ 147,940	£ 122,720	£ 220,200
Carriageway crossing	3	3	2	no	£ 500	£ 1,500	£ 1,500	£ 2,500
Field access (crossing + extra belmouth paving provision)	12	12	2	no	£ 1,000	£ 12,000	£ 12,000	£ 5,000
Private access (crossing + extra belmouth paving provision)	3	4	3	no	£ 1,000	£ 3,000	£ 4,000	£ 7,500
Field gates (tubular 4.5m)	18	26	3	no	£ 205	£ 3,690	£ 5,330	£ 1,538
Drainage (Filter drain ave. 1m deep)	4117	3545	7226	m	£ 48	£ 197,616	£ 170,160	£ 867,120
					Total	£ 1,649,299	£ 1,512,734	£ 2,278,705
					44% Optimism Bias	£ 732,288.72	£ 671,653.91	£ 1,011,745.17
						£ 2,381,588	£ 2,184,388	£ 3,290,451