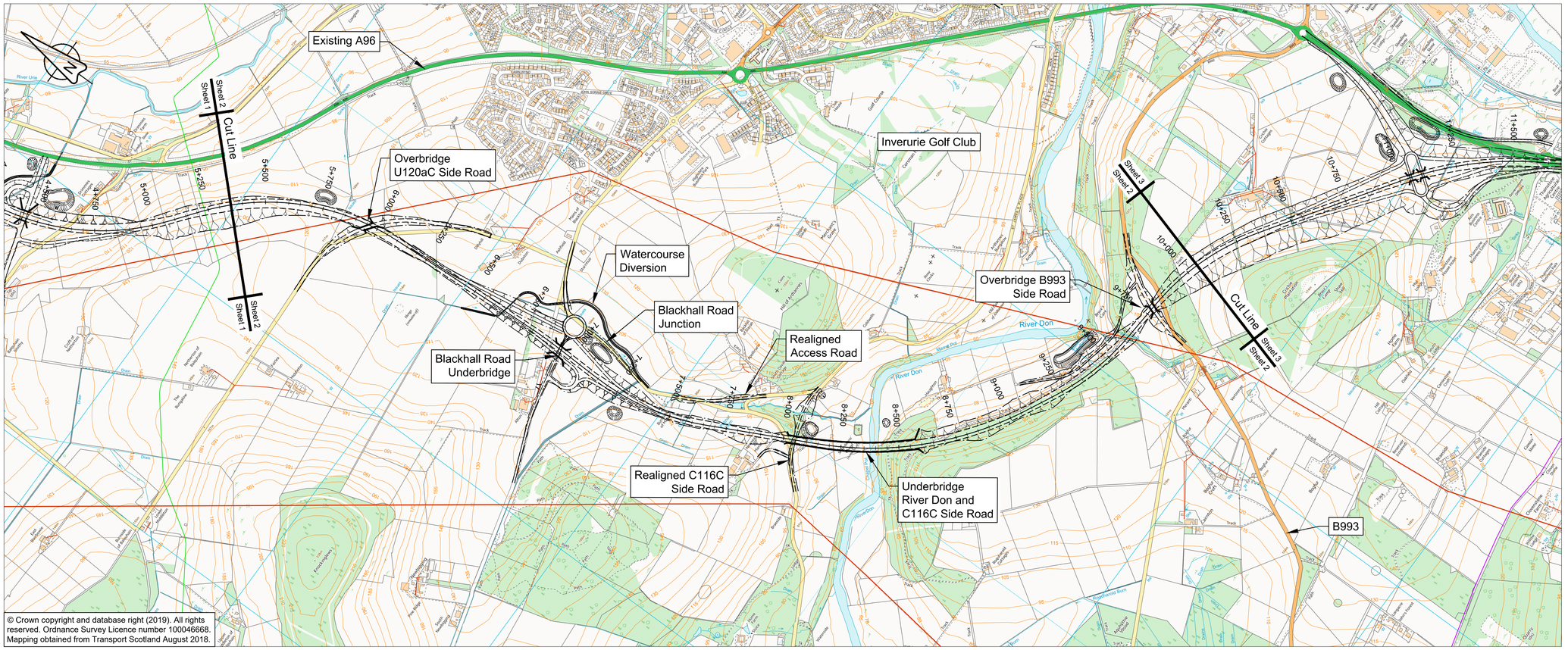

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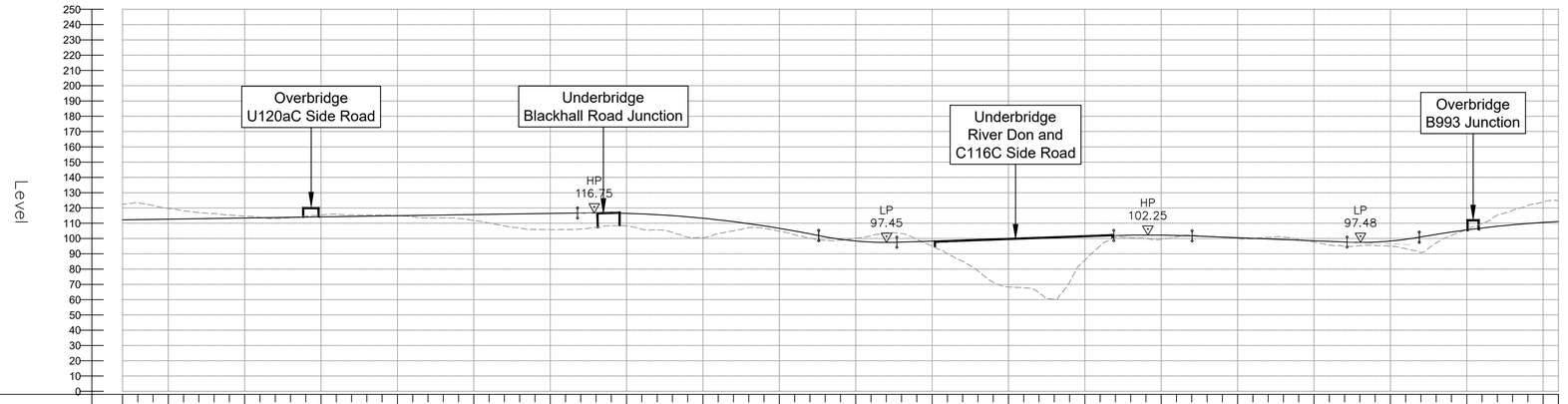
LEGEND

- Structures
- SSE 275kV
- National Grid High Pressure Gas Main
- SGN High Pressure Gas Main
- Drainage Basin

Notes:

1. The route options and junctions layout will be subject to further development as the scheme progresses. Connections to local accesses and Non-Motorised User routes will be developed following the identification of the preferred route option. Earthworks shown are indicative only.

ORANGE_ROUTE_03F_ALG_P02 - LONGSECTION
SCALE: H 1:10000,V 1:2000. DATUM: 0.000



Proposed Road Level	112.181 112.332 112.483 112.634 112.784 112.935 113.086 113.236 113.387 113.538 113.689 113.839 113.990 114.141 114.291 114.442 114.593 114.744 114.894 115.045 115.196 115.346 115.497 115.648 115.799 115.949 116.100 116.251 116.401 116.552 116.700 116.753 116.668 116.446 116.087 115.590 114.956 114.195 113.276 112.230 111.047 109.726 108.268 106.673 104.940 103.069 101.115 99.518 98.375 97.687 97.453 97.652 97.958 98.265 98.571 98.878 99.184 99.491 99.798 100.104 100.411 100.717 101.024 101.330 101.637 101.943 102.167 102.253 102.202 102.013 101.688 101.291 100.894 100.497 100.100 99.703 99.306 98.909 98.512 98.115 97.718 97.478 97.687 98.351 99.469 101.038 102.706 104.237 105.631 106.888 108.007 108.988 109.833 110.540 111.109
Existing Ground Level	122.552 123.508 121.612 119.644 118.139 116.980 116.445 115.319 114.713 113.803 112.966 113.633 114.542 115.438 115.955 115.502 115.392 115.329 114.987 114.264 113.492 113.475 113.212 111.871 110.163 108.263 106.874 105.926 105.814 105.873 106.201 107.267 108.363 108.292 106.084 105.592 103.998 103.958 100.860 100.621 105.042 107.110 106.662 104.834 102.409 100.330 98.858 98.864 100.140 101.784 103.753 103.196 99.570 95.142 90.040 85.032 78.855 71.221 68.303 67.781 64.381 60.231 71.351 85.794 95.129 101.943 100.848 100.535 99.892 99.496 101.069 102.101 101.411 101.621 100.807 99.883 99.870 100.676 99.483 97.727 95.761 94.982 95.364 95.447 94.968 93.355 90.843 97.155 102.115 106.018 109.845 115.242 118.440 121.620 123.951 124.758
Level Difference	-10.370 -11.176 -9.129 -7.010 -5.355 -4.045 -3.359 -2.082 -1.326 -0.265 0.723 0.206 -0.552 -1.297 -1.664 -1.060 -0.800 -0.586 -0.093 0.781 1.704 1.871 2.286 3.777 5.636 7.686 9.226 10.325 10.588 10.679 10.499 9.486 8.305 8.154 10.003 9.999 10.958 13.325 12.656 8.940 6.005 2.616 1.606 1.838 2.530 2.739 2.257 0.654 -1.765 -4.097 -6.301 -5.545 -1.612 3.122 8.531 13.846 20.329 28.270 31.494 32.324 36.029 40.487 29.673 15.537 6.508 1.095 1.631 2.361 2.706 0.944 -0.414 -0.121 0.087 0.613 0.229 -0.974 -1.687 -0.575 0.784 2.354 2.735 2.114 2.240 3.382 6.114 10.195 5.552 2.123 -0.387 -2.958 -7.235 -9.451 -11.788 -13.411 -13.648
Horizontal Alignment	R: 1020.000 L: 769.954; L: 121.000; L =594.697; R: 1440.000 L: 27.583; L =85.700 L =131.525; R: 1020.000 L: 382.826; L: 121.000; L: 121.000; L =390.310; L: 85.700; R: 1440.000 L: 840.535; L =41.239 L: 85.700; R: 1020.000 L: 279.047; L: 121.000; L =74.826 L: 121.000; L: 121.000; R: 1020.000 L: 410.680
Vertical Alignment	G =0.301% L =1639.692; R =18200.000 K =182.000 L =789.373; R =5500.000 K =55.000 L =255.691; G =0.613% L =710.380; R =18200.000 K =182.000 L =256.105; G =-0.794% L =507.426; R =5500.000 K =55.000 L =236.360; R =18200.000 K =182.000 L =1384.061
Chainage	5+350 5+400 5+450 5+500 5+550 5+600 5+650 5+700 5+750 5+800 5+850 5+900 5+950 6+000 6+050 6+100 6+150 6+200 6+250 6+300 6+350 6+400 6+450 6+500 6+550 6+600 6+650 6+700 6+750 6+800 6+850 6+900 6+950 7+000 7+050 7+100 7+150 7+200 7+250 7+300 7+350 7+400 7+450 7+500 7+550 7+600 7+650 7+700 7+750 7+800 7+850 7+900 7+950 8+000 8+050 8+100 8+150 8+200 8+250 8+300 8+350 8+400 8+450 8+500 8+550 8+600 8+650 8+700 8+750 8+800 8+850 8+900 8+950 9+000 9+050 9+100 9+150 9+200 9+250 9+300 9+350 9+400 9+450 9+500 9+550 9+600 9+650 9+700 9+750 9+800 9+850 9+900 9+950 10+000 10+050

Revision	---	---	---	---	---
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P01	B.Munro	B.Munro	F.Molloy	G.MacDonald	G.Wilkie
	20/02/19	20/02/19	21/02/19	22/02/19	22/02/19
P02	D.Stewart	D.Stewart	F.Molloy	G.MacDonald	G.Wilkie
	01/04/19	01/04/19	02/04/19	02/04/19	02/04/19
Revision details	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer
McNeil Drive
Motherwell
ML1 4UR
Amey Arup

Client
58 Port Dundas Road
Glasgow
G4 0HF
TRANSPORT SCOTLAND

Project Name
A96 Dualling East of Huntly to Aberdeen

Drawing Title
Third Fix Orange Route
Plan and Profile
Sheet 2 of 3

Project Ref. No.	Stage	Scale : AS SHOWN @ A1
250002-92	STAGE 2	Dimensions : M

Drawing Number
Project | Originator | Volume |
A96PEA - AMAR - HGN -
SWI - DR - CH - 335002
Location | Type | Role | Number

Suitability	Suitability Description	Revision
S4	Fit for Stage Approval	P02