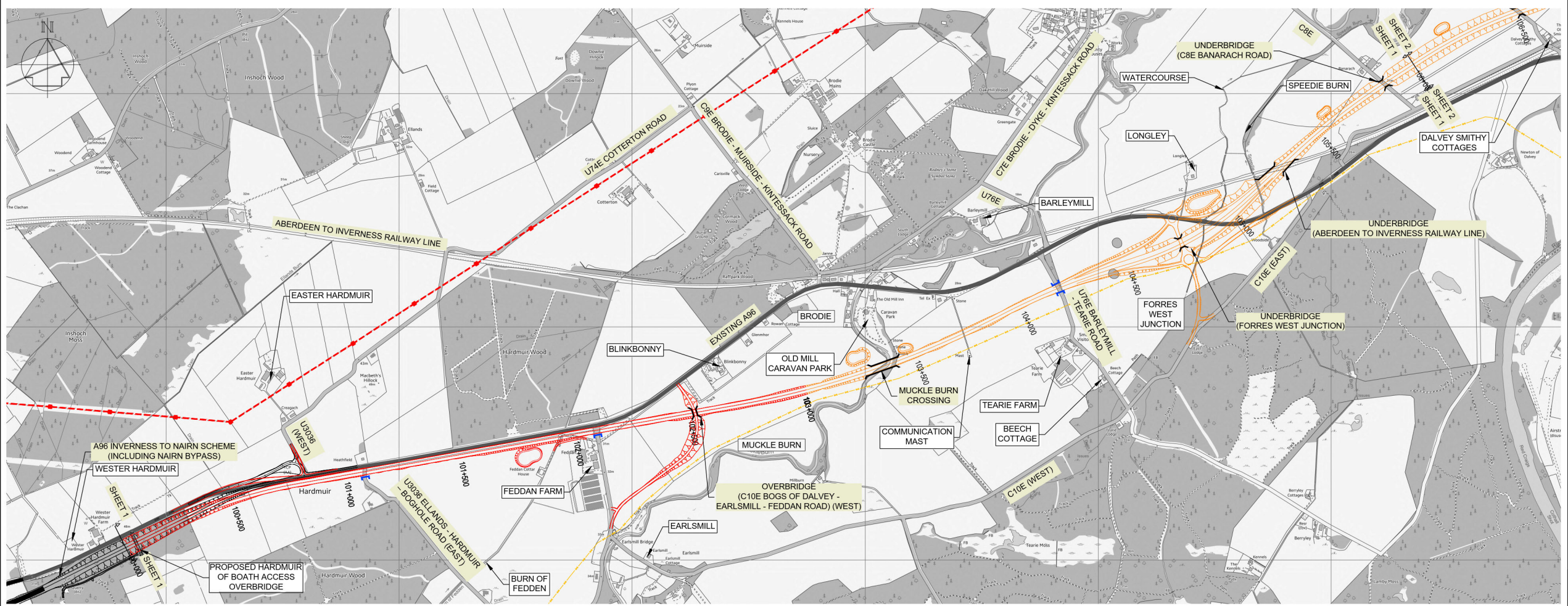
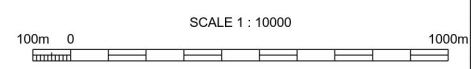


This drawing should not be relied on or used in circumstances other than those for which it was originally prepared and for which Mott MacDonald Sweco JV was commissioned. This drawing has been prepared for the titled project or named part thereof and should not be relied upon or used for any other project without an independent check being carried out as to its suitability and prior written authority of Mott MacDonald Sweco JV being obtained.



PLAN



Notes

Key to symbols

- EXISTING ROAD TO BE STOPPED UP
- STRUCTURES
- 132kV OVERHEAD LINES
- INDICATIVE SUDS BASIN/POND
- LOCAL HIGH PRESSURE GAS MAIN

Rev	Date	Amendment Details	Orig	Chk'd	App'd
P01	23/10/18	For Review and Comment	AR	BP	RL
P02	27/11/18	For Stage Approval	DD	BP	RL
C01	27/11/18	Approved as Stage Complete	DD	BP	RL

Rev	Date	Amendment Details	Orig	Chk'd	App'd
P01	23/10/18	For Review and Comment	AR	BP	RL
P02	27/11/18	For Stage Approval	DD	BP	RL
C01	27/11/18	Approved as Stage Complete	DD	BP	RL

Mott MacDonald Sweco

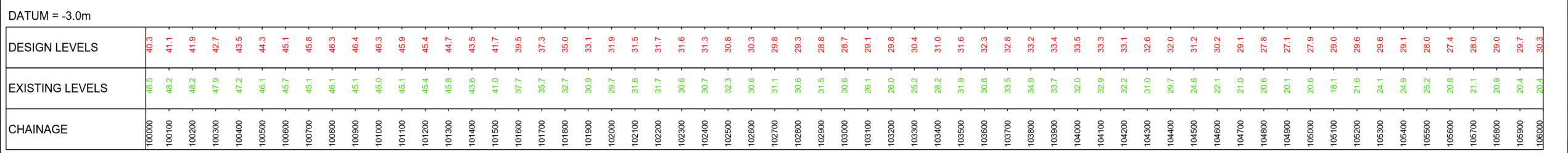
Client:

Drawing Status: **Approved as Stage Complete** | Suitability: **A2**

Project Title: **A96 DUALLING HARDMUIR TO FOCHABERS**

Drawing Title: **FIGURE 5.1 HARDMUIR TO HILLHEAD NORTH OPTION SHEET 1 OF 3**

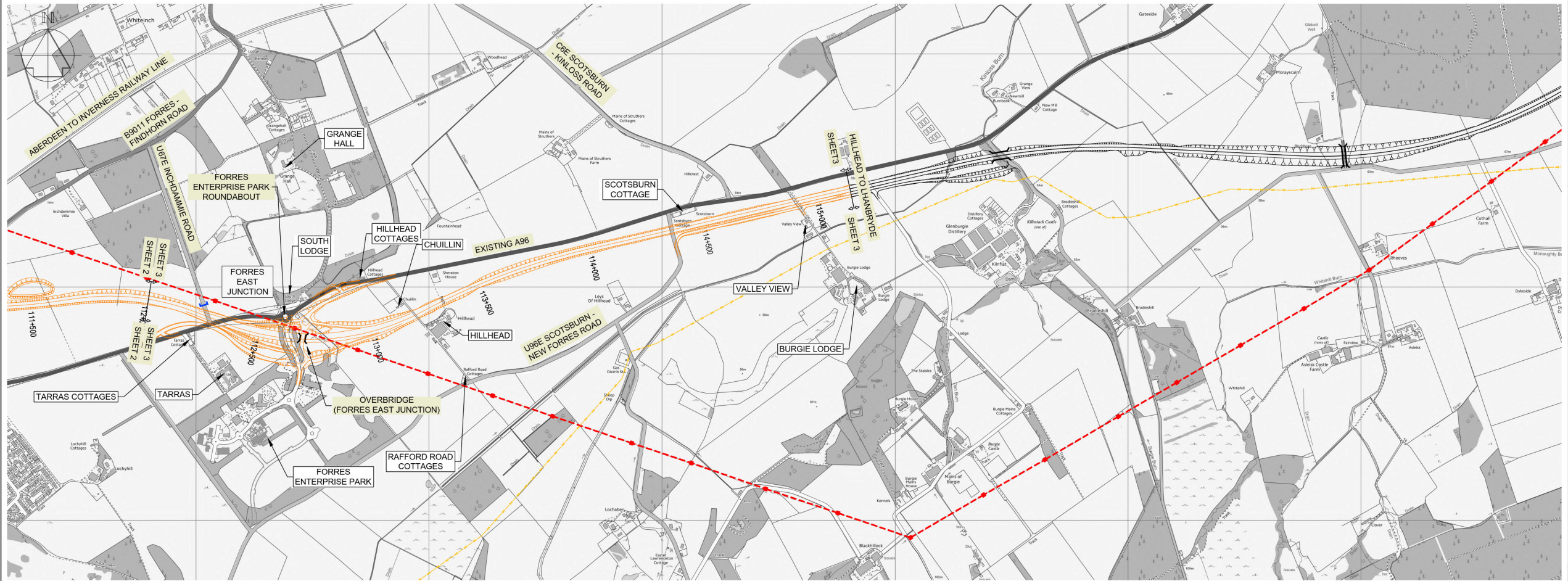
Scale	Designed	Drawn	Checked	Approved
As Shown	Morrison, Duncan	Pearce-Smith, Ben	Wallace, Steve	Hodgson, Mike
Original Size A1	Date: 21/08/18	Date: 21/08/18	Date: 21/08/18	Date: 21/08/18
Drawing Number	Project Ref. No. A96PHF			Revision C01



DESIGN LEVELS	EXISTING LEVELS	CHAINAGE
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31.9	29.7	102000
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HORIZONTAL SCALE = 1 : 10,000, VERTICAL SCALE = 1:1,000

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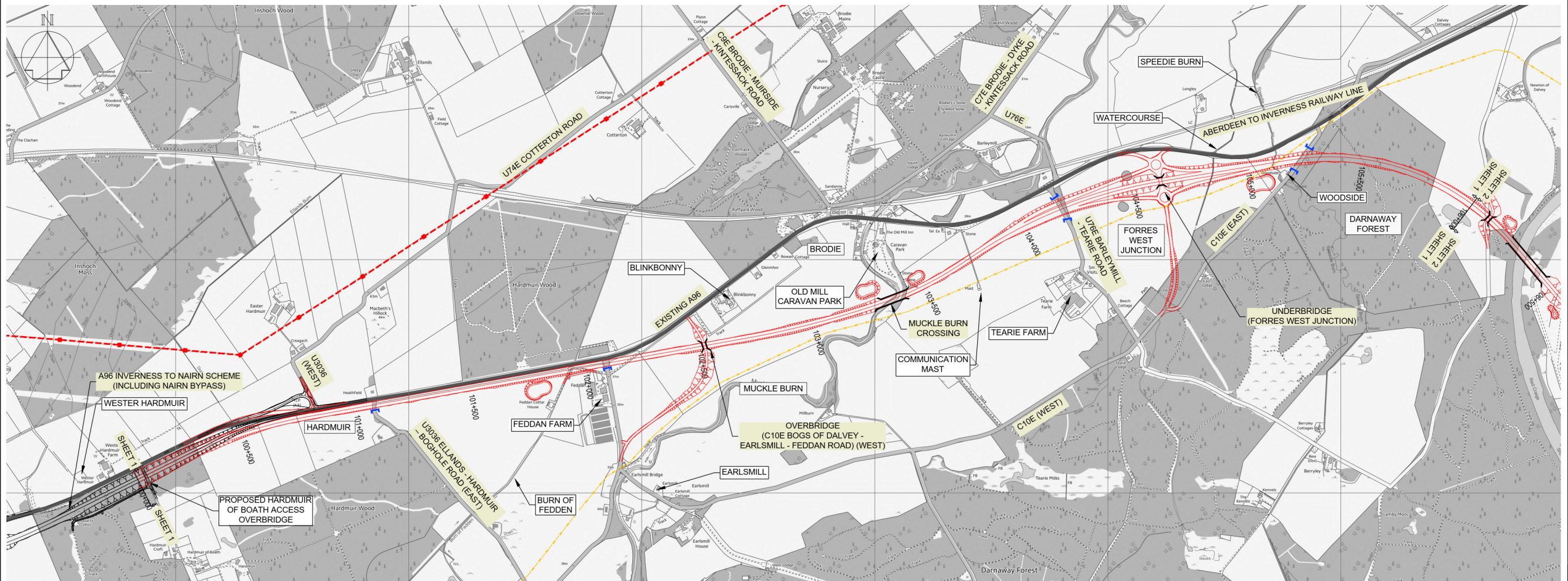
PLAN



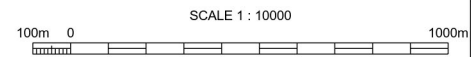
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This drawing should not be relied on or used in circumstances other than those for which it was originally prepared and for which Mott MacDonald Sweco JV was commissioned. This drawing has been prepared for the titled project or named part thereof and should not be relied upon or used for any other project without an independent check being carried out as to its suitability and prior written authority of Mott MacDonald Sweco JV being obtained.



PLAN

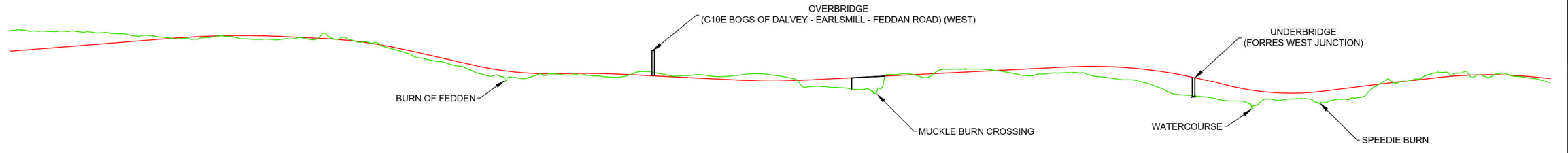


Notes

Key to symbols

- EXISTING ROAD TO BE STOPPED UP
- STRUCTURES
- 132kV OVERHEAD LINES
- INDICATIVE SUDS BASIN/POND
- LOCAL HIGH PRESSURE GAS MAIN

Rev	Date	Amendment Details	Orig	Chk'd	App'd
P01	23/10/18	For Review and Comment	AR	BP	RL
P02	27/11/18	For Stage Approval	DD	BP	RL
C01	27/11/18	Approved as Stage Complete	DD	BP	RL



DATUM = -3.0m

DESIGN LEVELS	40.3	41.1	41.9	42.7	43.5	44.3	45.1	45.8	46.3	46.4	46.3	45.9	45.4	44.7	43.5	41.0	39.5	37.3	35.0	33.1	31.9	31.5	31.7	31.6	31.3	30.8	30.3	29.8	29.3	28.8	28.7	29.1	29.6	30.1	30.6	31.1	31.6	32.1	32.6	33.1	33.6	34.1	34.4	34.2	33.5	32.2	30.3	27.9	25.5	24.1	23.7	24.3	25.6	26.8	28.1	29.3	30.5	31.1	31.1	30.6	29.7
EXISTING LEVELS	48.5	48.2	48.2	47.9	47.2	46.1	45.7	45.1	46.1	45.1	45.0	45.1	45.4	45.8	43.6	41.0	37.7	35.7	32.7	30.9	29.7	31.6	31.7	30.6	30.7	32.3	30.6	31.1	30.6	31.5	30.6	26.1	26.0	25.2	27.1	31.6	31.8	33.3	33.2	31.8	31.3	31.9	31.2	29.7	28.4	24.8	22.8	21.5	20.6	21.5	21.5	19.6	21.4	25.1	27.7	30.0	32.1	30.2	31.5	30.1	27.9
CHAINAGE	100000	100100	100200	100300	100400	100500	100600	100700	100800	100900	101000	101100	101200	101300	101400	101500	101600	101700	101800	101900	102000	102100	102200	102300	102400	102500	102600	102700	102800	102900	103000	103100	103200	103300	103400	103500	103600	103700	103800	103900	104000	104100	104200	104300	104400	104500	104600	104700	104800	104900	105000	105100	105200	105300	105400	105500	105600	105700	105800	105900	106000

HORIZONTAL SCALE = 1 : 10,000, VERTICAL SCALE = 1:1,000

Mott MacDonald Sweco

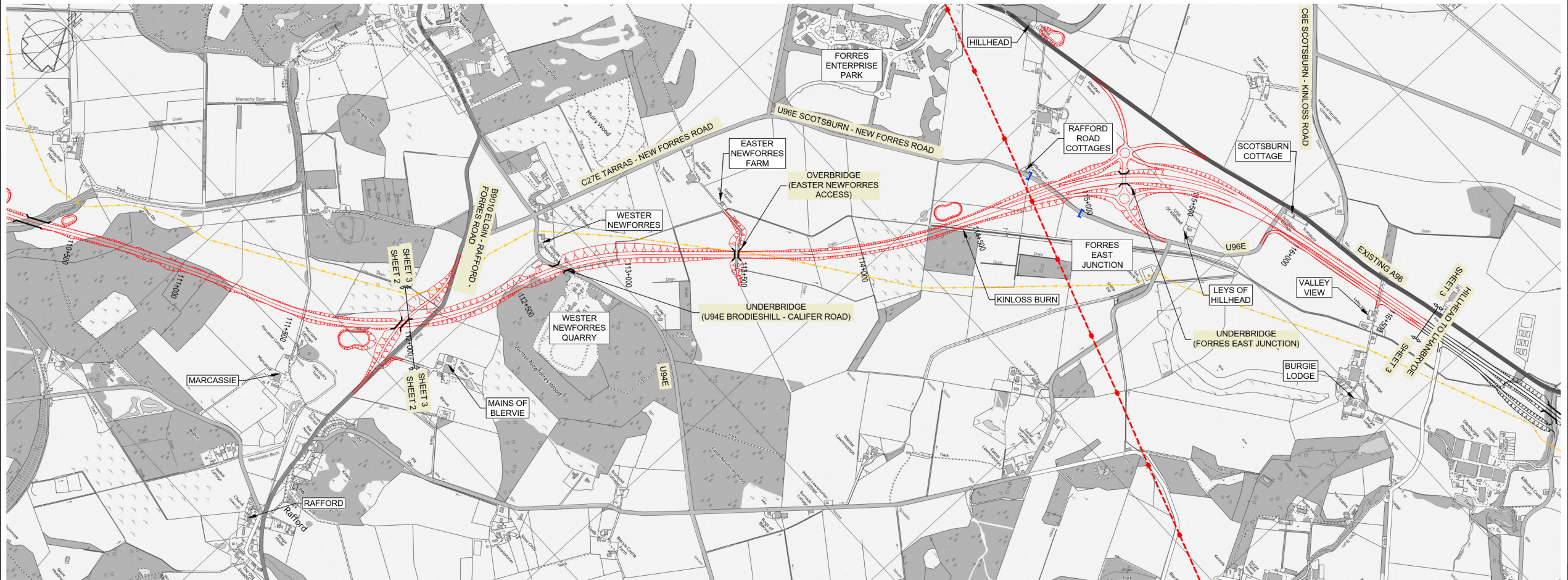
Client: Approved as Stage Complete, A2

Project Title: A96 DUALLING HARDMUIR TO FOCHABERS

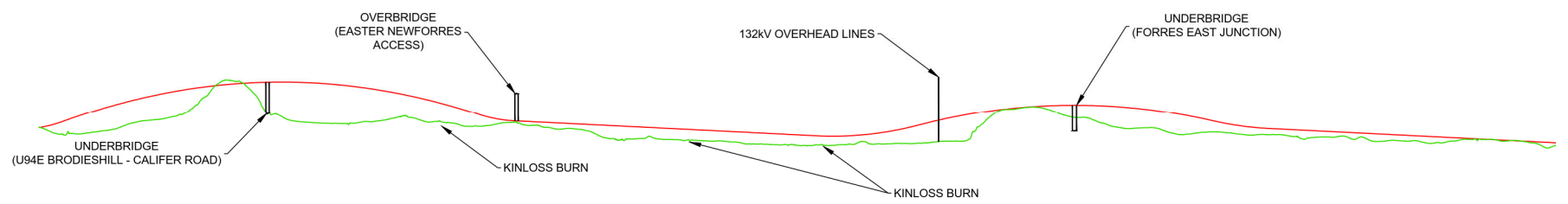
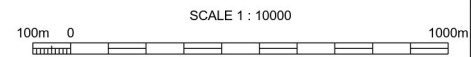
Drawing Title: FIGURE 5.4 HARDMUIR TO HILLHEAD SOUTH OPTION SHEET 1 OF 3

Scale	Designed	Drawn	Checked	Approved
As Shown	McIntosh, Graeme	Pearce-Smith, Ben	Wallace, Steve	Hodgson, Mike
Original Size	Date	Date	Date	Date
A1	21/08/18	21/08/18	21/08/18	21/08/18
Drawing Number	Project Ref. No.			Revision
A96PHF - MMS - HGN - 200JS - DR - D - 00006	A96PHF			C01
TS PIN	Originator	Volume	Location	Type Role Number

This drawing should not be relied on or used in circumstances other than those for which it was originally prepared and for which Mott MacDonald Sweco JV was commissioned. This drawing has been prepared for the titled project or named part thereof and should not be relied upon or used for any other project without an independent check being carried out as to its suitability and prior written authority of Mott MacDonald Sweco JV being obtained.



PLAN

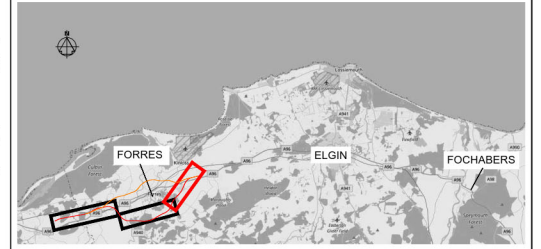


DATUM = 11.0m

CHAINAGE	112000	112100	112200	112300	112400	112500	112600	112700	112800	112900	113000	113100	113200	113300	113400	113500	113600	113700	113800	113900	114000	114100	114200	114300	114400	114500	114600	114700	114800	114900	115000	115100	115200	115300	115400	115500	115600	115700	115800	115900	116000	116100	116200	116300	116400	116500	116600
DESIGN LEVELS	37.3	40.2	43.5	46.2	48.3	49.9	51.0	51.5	51.4	50.8	49.7	48.0	45.8	43.0	40.1	39.2	38.7	38.2	37.7	37.2	36.7	36.2	35.7	35.2	34.8	35.0	36.2	38.4	40.7	42.4	43.6	44.3	44.4	43.9	42.9	41.4	39.3	37.6	36.9	36.4	35.9	35.4	34.9	34.4	33.9	33.4	32.9
EXISTING LEVELS	37.5	35.5	36.4	39.1	40.5	46.4	51.8	41.7	39.2	38.6	39.2	40.6	39.1	37.8	36.5	38.0	36.9	35.6	33.6	33.9	33.5	33.1	32.3	32.2	32.0	32.4	32.4	32.5	33.2	39.8	43.5	42.6	40.5	37.5	35.2	34.3	34.6	33.1	33.3	32.8	33.4	33.4	33.4	33.4	31.8		

HORIZONTAL SCALE = 1 : 10,000, VERTICAL SCALE = 1:1,000

Notes



- Key to symbols
- EXISTING ROAD TO BE STOPPED UP
 - STRUCTURES
 - 132kV OVERHEAD LINES
 - INDICATIVE SUDS BASIN/POND
 - LOCAL HIGH PRESSURE GAS MAIN

Rev	Date	Amendment Details	Orig	Chk'd	App'd
P01	23/10/18	For Review and Comment	AR	BP	RL
P02	27/11/18	For Stage Approval	DD	BP	RL
C01	27/11/18	Approved as Stage Complete	DD	BP	RL

Mott MacDonald Sweco



Drawing Status: Approved as Stage Complete, Submittal: A2

Project Title: A96 DUALLING HARDMUIR TO FOCHABERS

Drawing Title: FIGURE 5.6 HARDMUIR TO HILLHEAD SOUTH OPTION SHEET 3 OF 3

Scale	Designed	Drawn	Checked	Approved
As Shown	McIntosh, Graeme	Pearce-Smith, Ben	Wallace, Steve	Hodgson, Mike
Original Size	Date	Date	Date	Date
A1	21/08/18	21/08/18	21/08/18	21/08/18
Drawing Number	Project Ref. No.			
A96PHF - MMS - HGN - 200JS - DR - D - 00008	A96PHF			
	Revision			
	C01			