TEN-T Priority Route Improvement Project, Donegal

Option Selection Report
Volume E1 – Section 1 Drawings



Comhairle Contae Dhún na nGall
Donegal County Council

Donegal NRO
Oifig Boichte Naisiunta Dhun na nGall

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Volume E1 – Section 1 Drawings

Section 1 – N15/N13 Ballybofey/Stranorlar Urban Region Stage 1 Options (09 Sheets)

Section 1 Stage 2 Options (01 Sheet)

Figure 1A Sheets 1 to 5 – Plan and Profile Drawings for Option 1A

Figure 1B Sheets 1 to 5 – Plan and Profile Drawings for Option 1B

Figure 1C Sheets 1 to 5 – Plan and Profile Drawings for Option 1C

Figure 1D Sheets 1 to 5 – Plan and Profile Drawings for Option 1D

Figure 1E Sheets 1 to 5 – Plan and Profile Drawings for Option 1E

Figure 1F Sheets 1 to 5 – Plan and Profile Drawings for Option 1F

Figure 1G Sheets 1 to 5 – Plan and Profile Drawings for Option 1G

Figure 1A1 Sheets 1 to 5 – Plan and Profile Drawings for Option 1A1

Figure 1B1 Sheets 1 to 5 – Plan and Profile Drawings for Option 1B1

Figure 1C1 Sheets 1 to 5 – Plan and Profile Drawings for Option 1C1

Figure 1D1 Sheets 1 to 5 – Plan and Profile Drawings for Option 1D1

Figure 1E1 Sheets 1 to 5 – Plan and Profile Drawings for Option 1E1

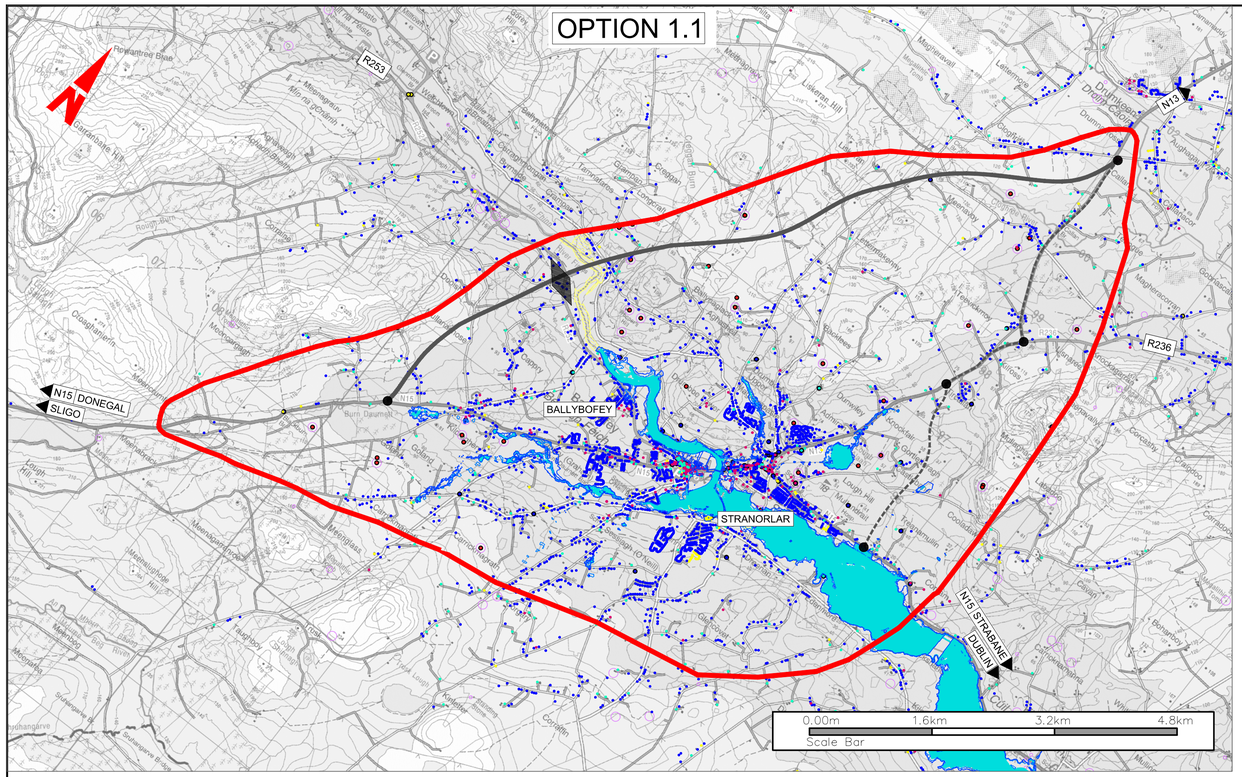
Figure 1F1 Sheets 1 to 5 – Plan and Profile Drawings for Option 1F1

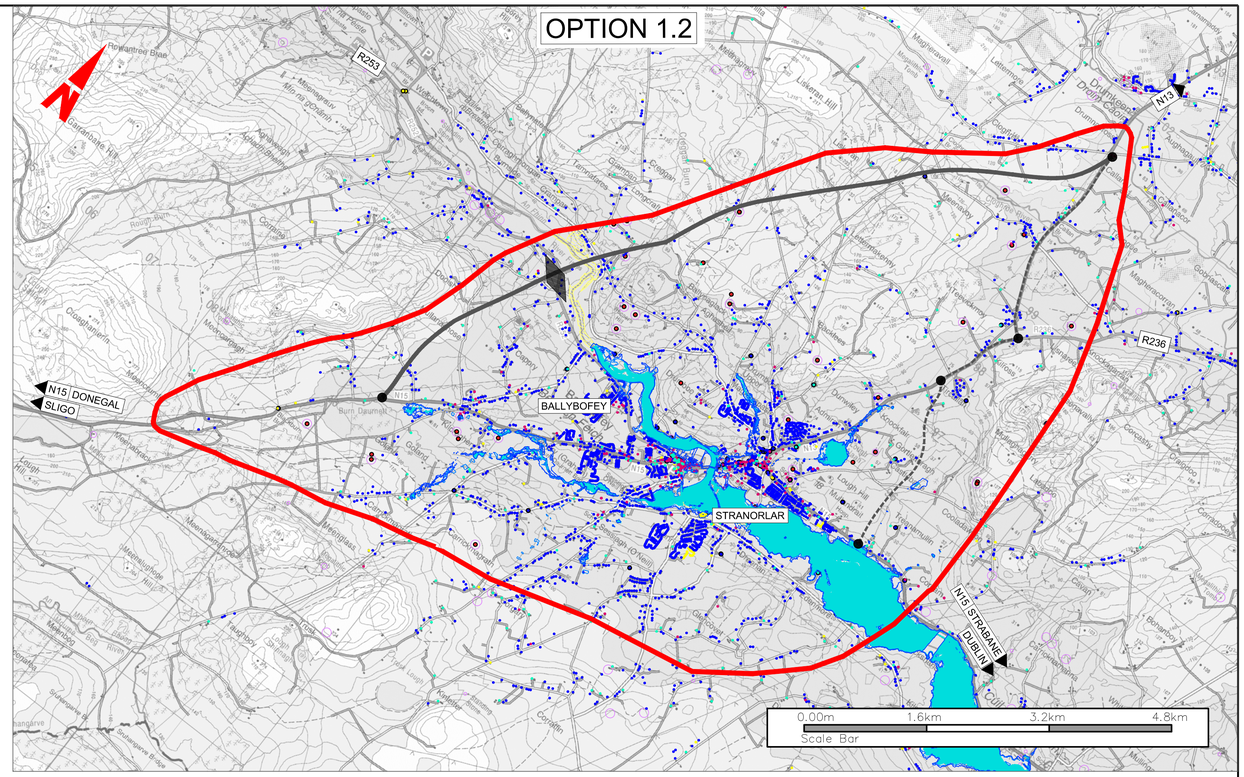
Section 1 Preferred Option Key Plan (01 Sheet)

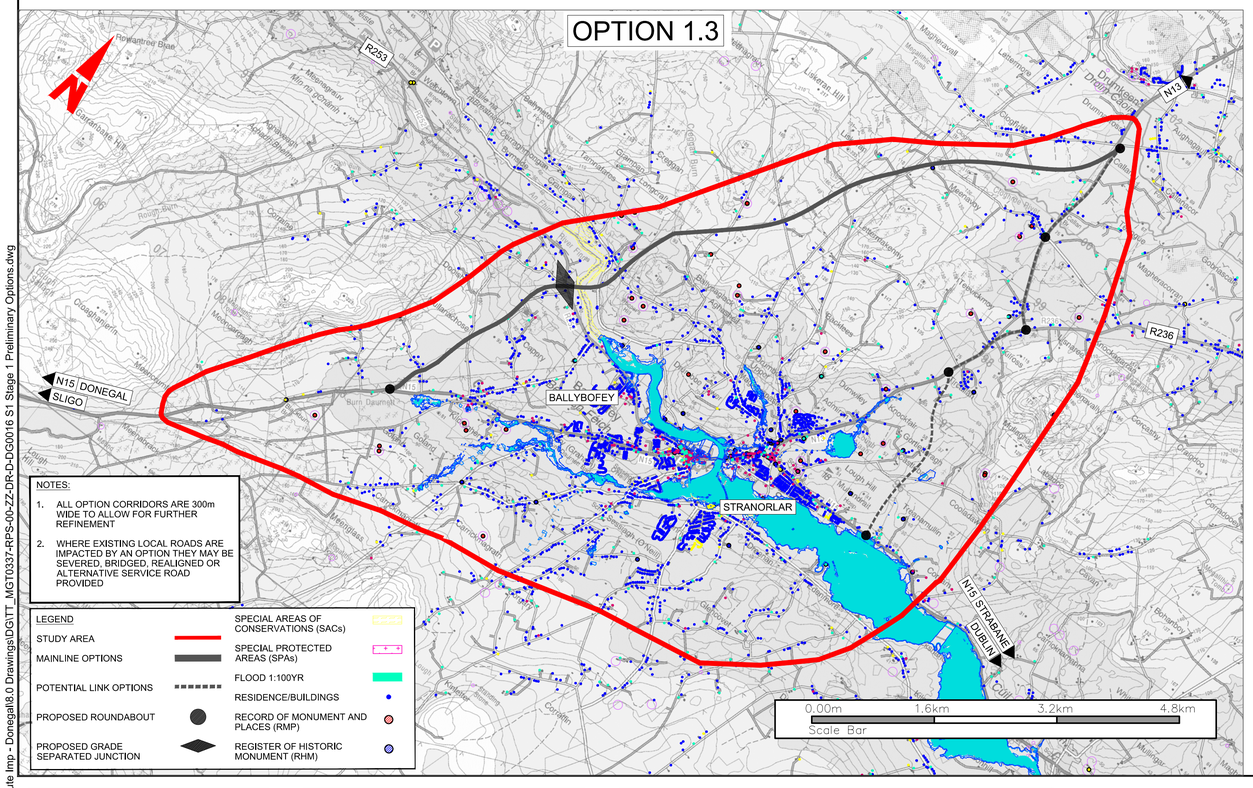
Section 1 Preferred Option (1G) Plan and Profile (05 Sheets)

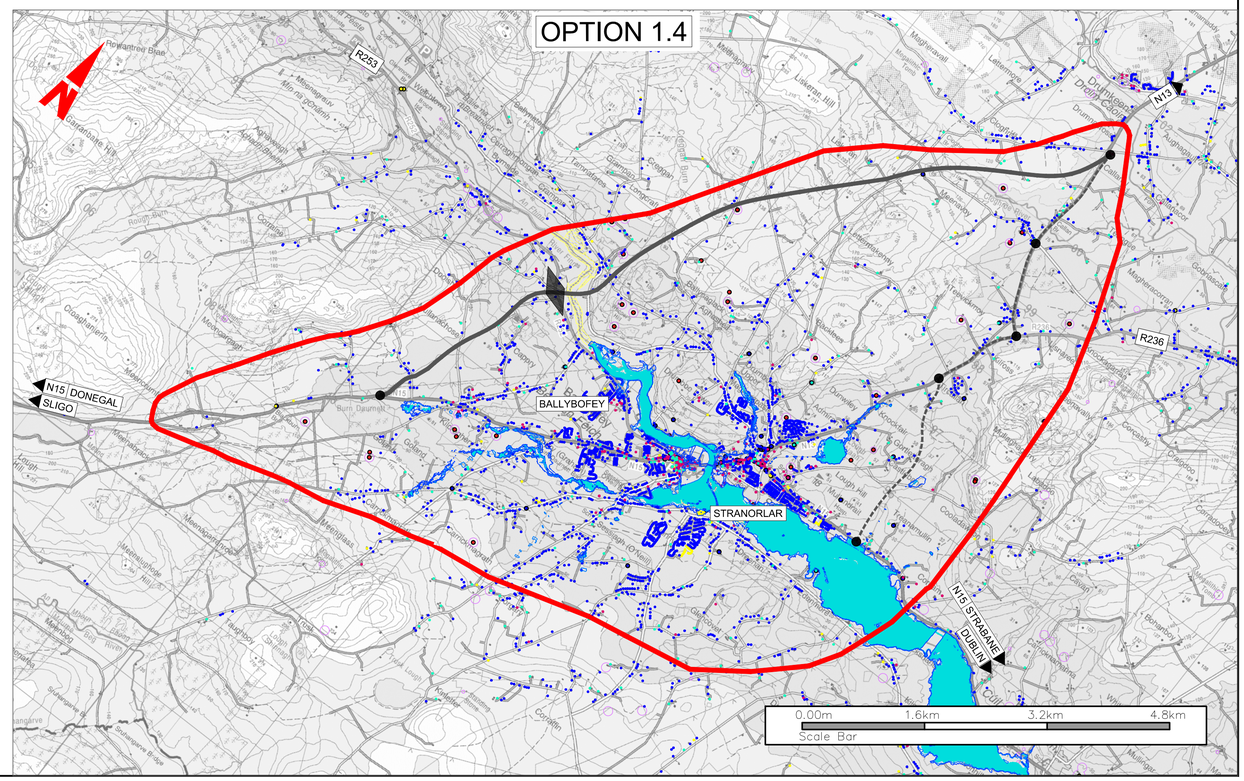
Section 1 Preferred Option (1G) with Ballybofey Link (01 Sheet)

Preferred Option Corridor – Project Wide Drawing









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1. ALL OPTION CORRIDORS ARE 300m WIDE TO ALLOW FOR FURTHER REFINEMENT
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- REGISTER OF HISTORIC MONUMENT (RHM)

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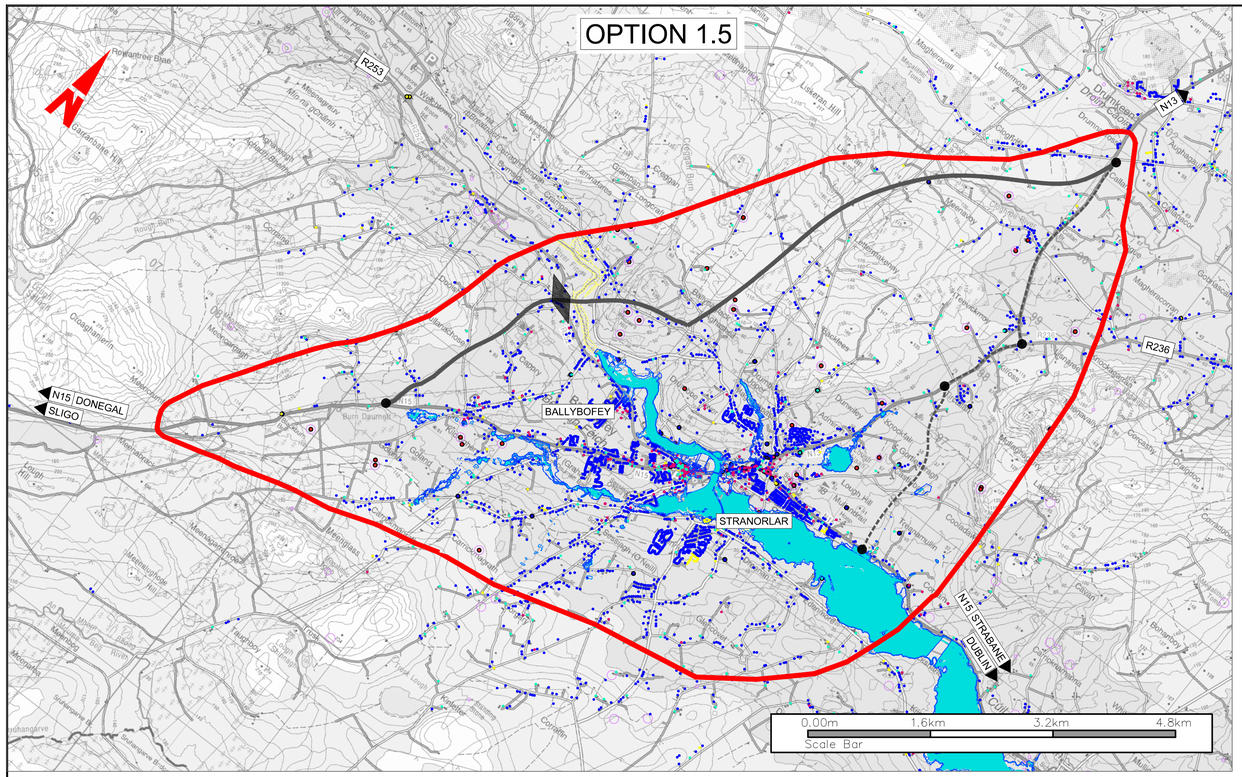
P01	18.11.19	SS	OPTION SELECTION REPORT	TP	EC

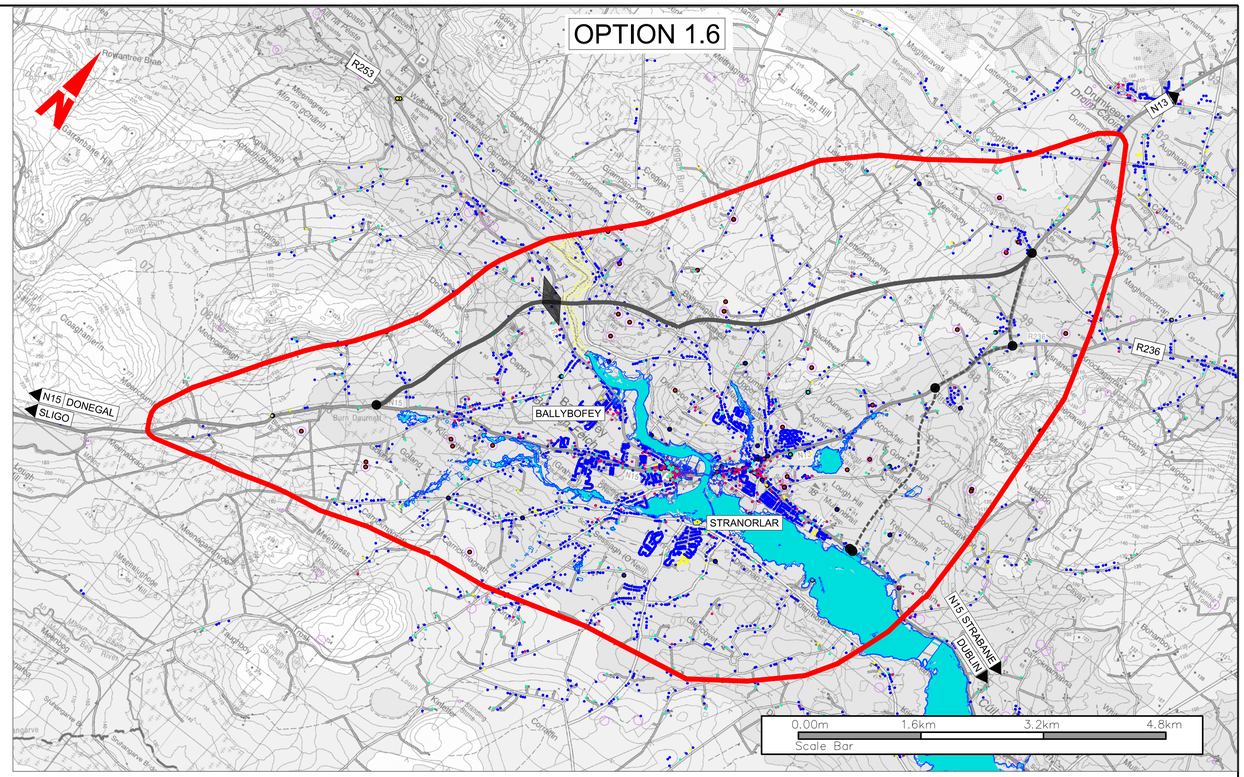
Project Title: TEN-T Priority Route Improvement Project, Donegal

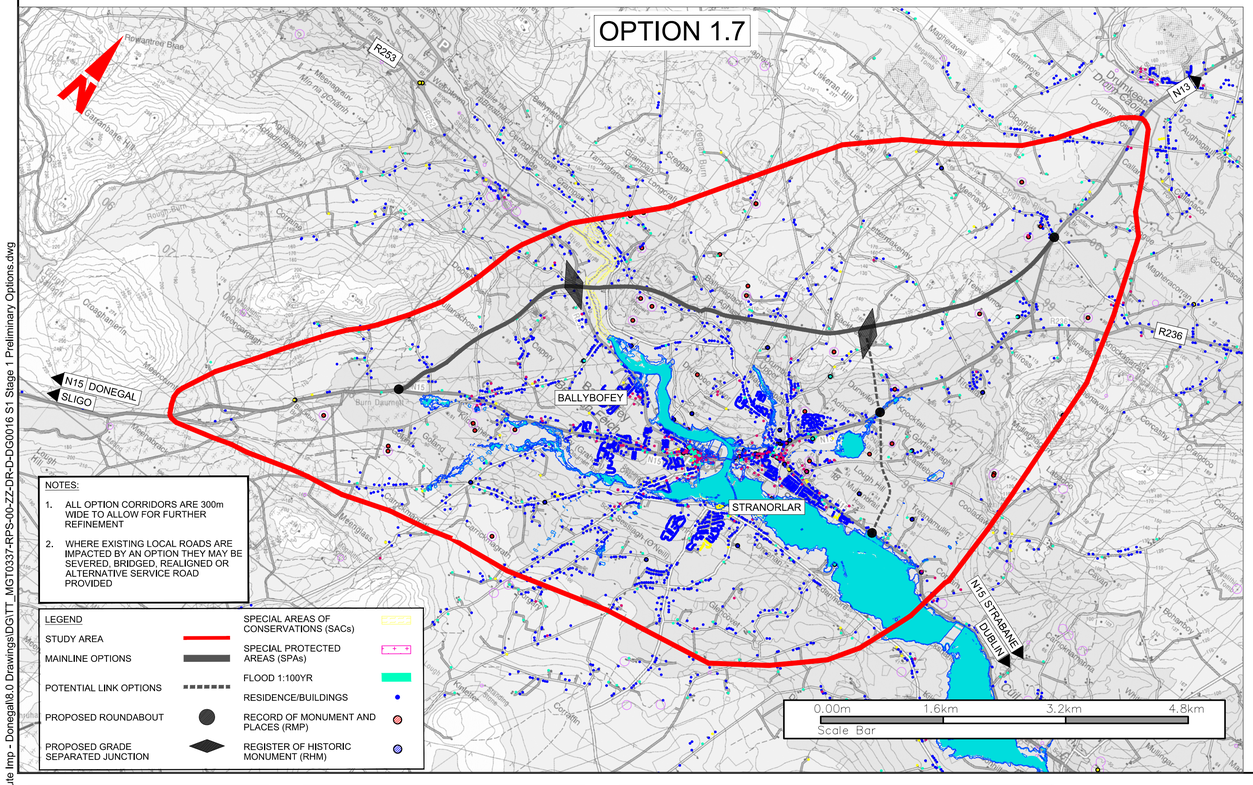
Drawing Title: SECTION 1-N15/N13 Ballybofey/Stranorlar Urban Region Stage 1 Options

Status: S4

Designed: S. Sinha	Date: APR. 2018	Model File Identifier:	Rev:
Drawn: S. Sinha	Scale @ A1: 1:40000		
Approved: E.Cox	@ A3: 1:20000	File Identifier:	P01
Checked: T. Patterson	Sheet: 01 of 09	TT_MGT0337-RPS-00-ZZ-DR-D-DG0016-01	







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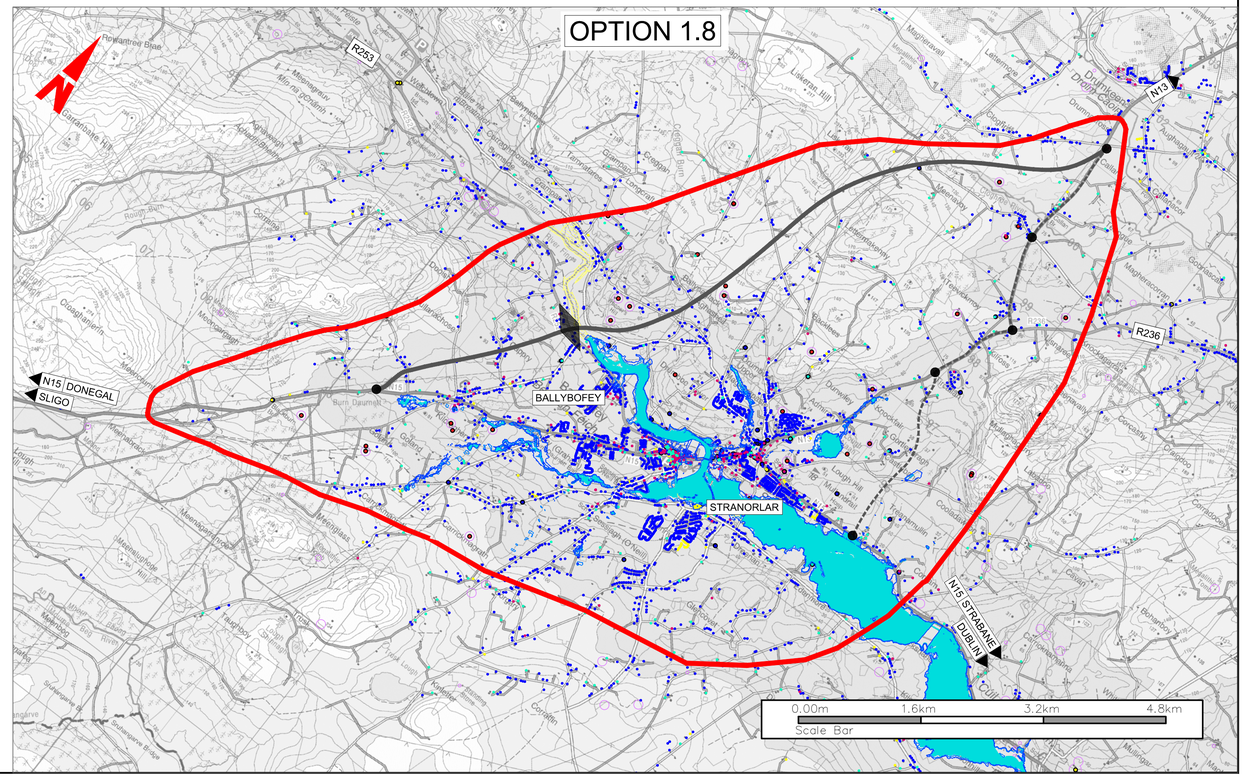

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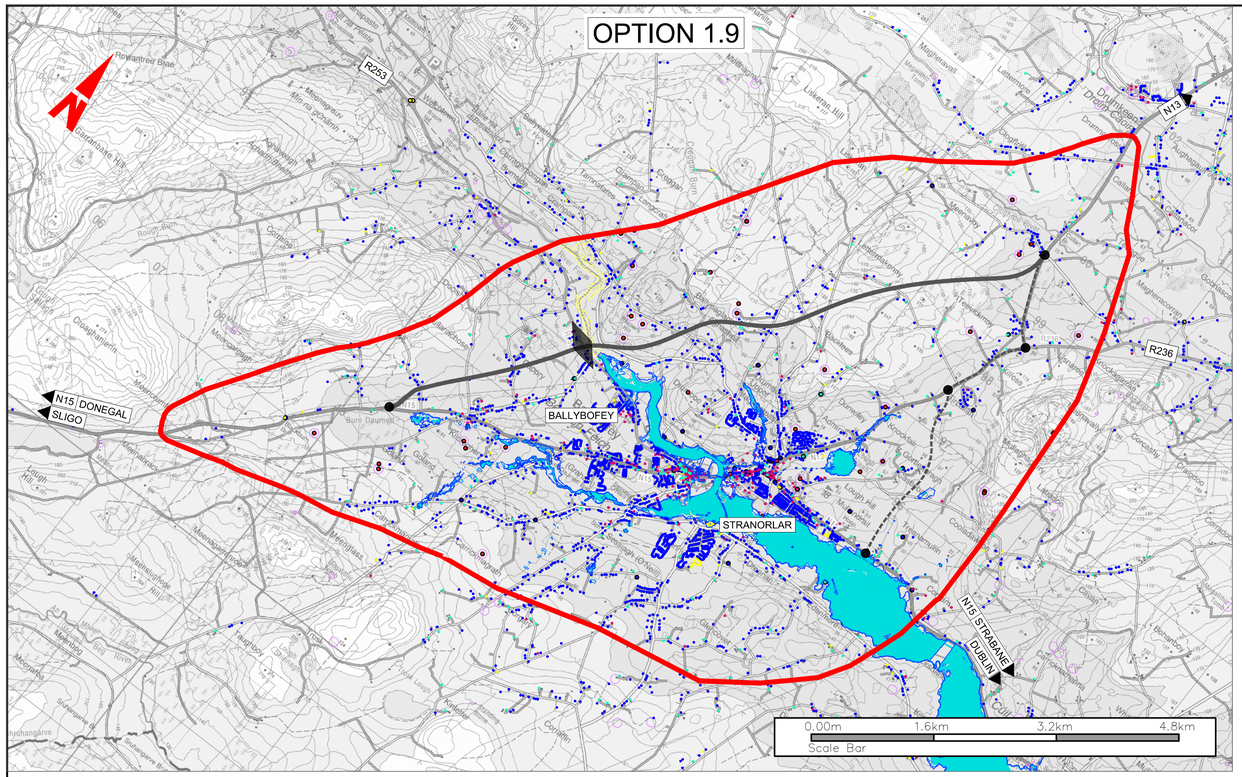

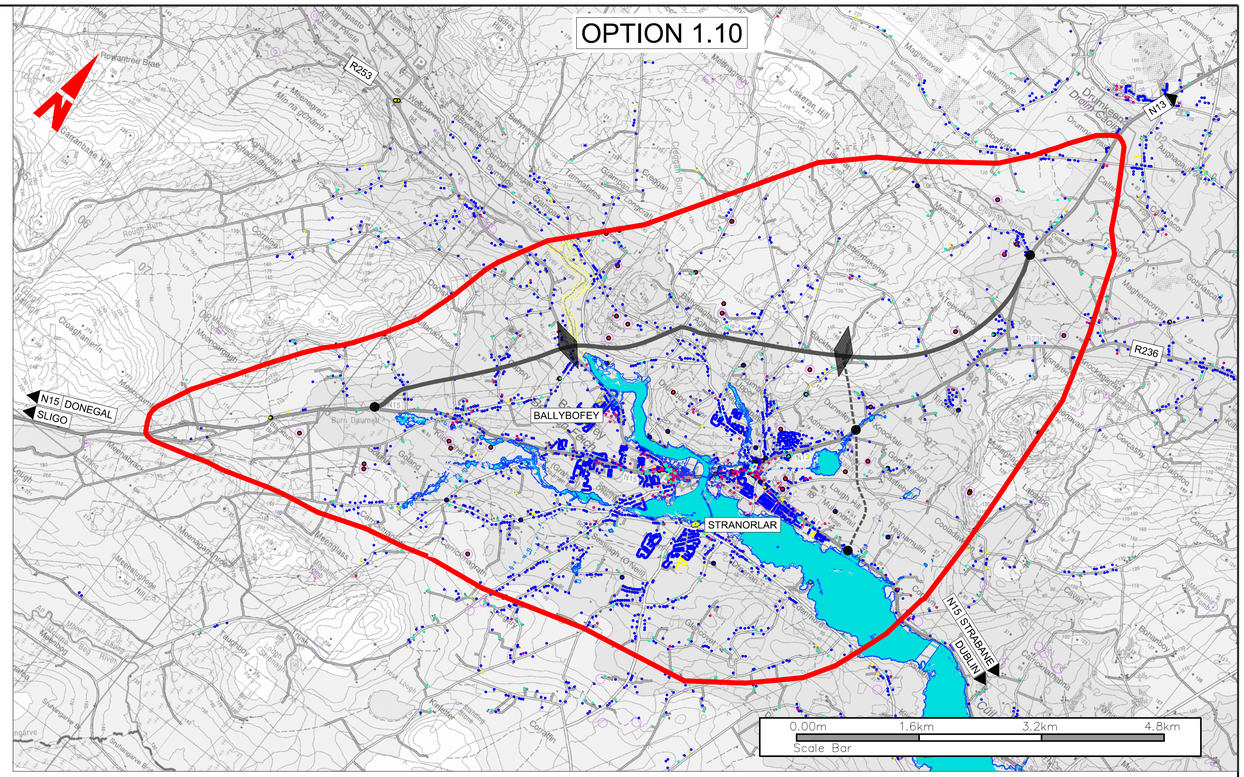

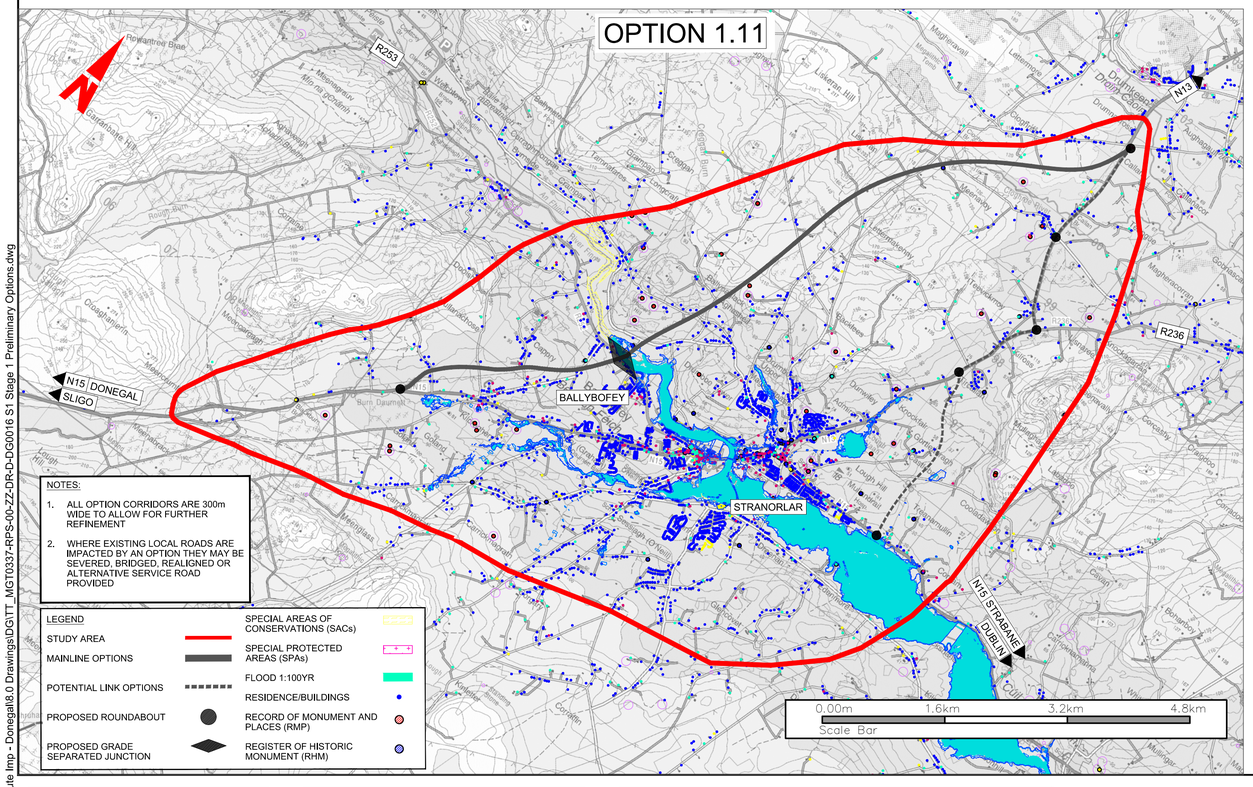

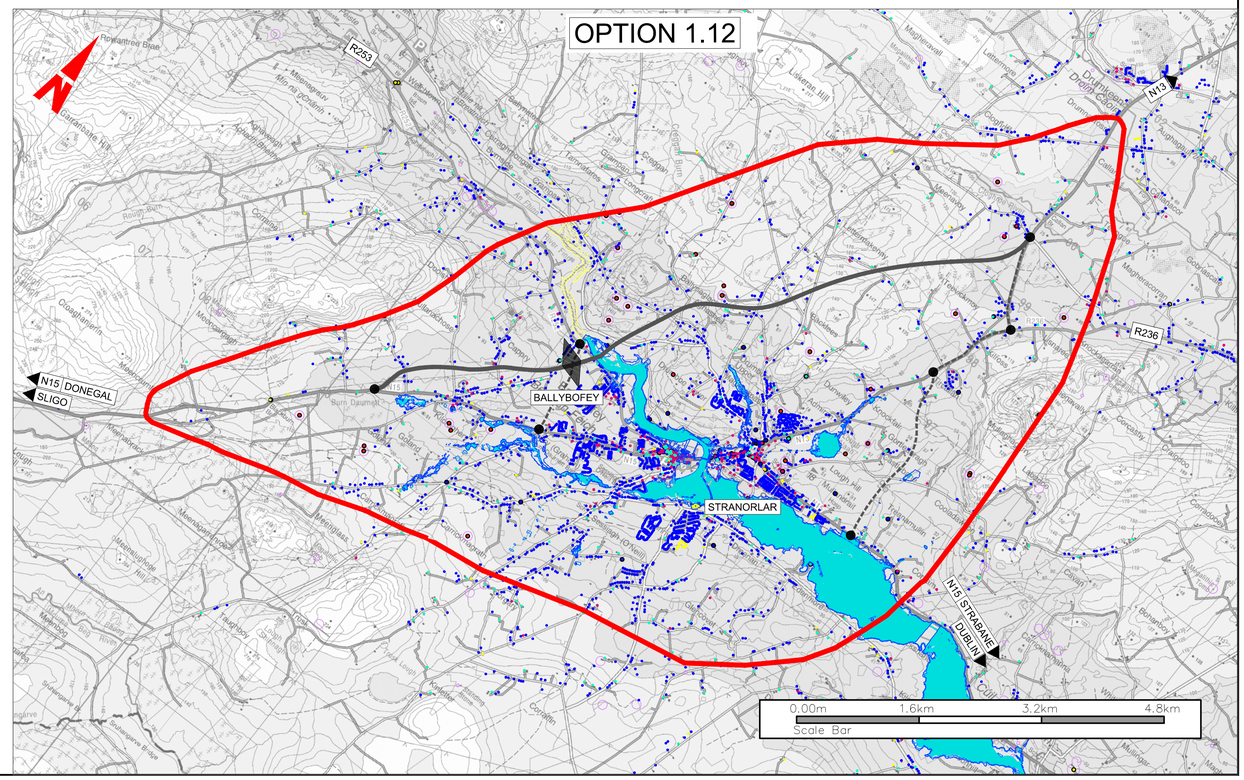

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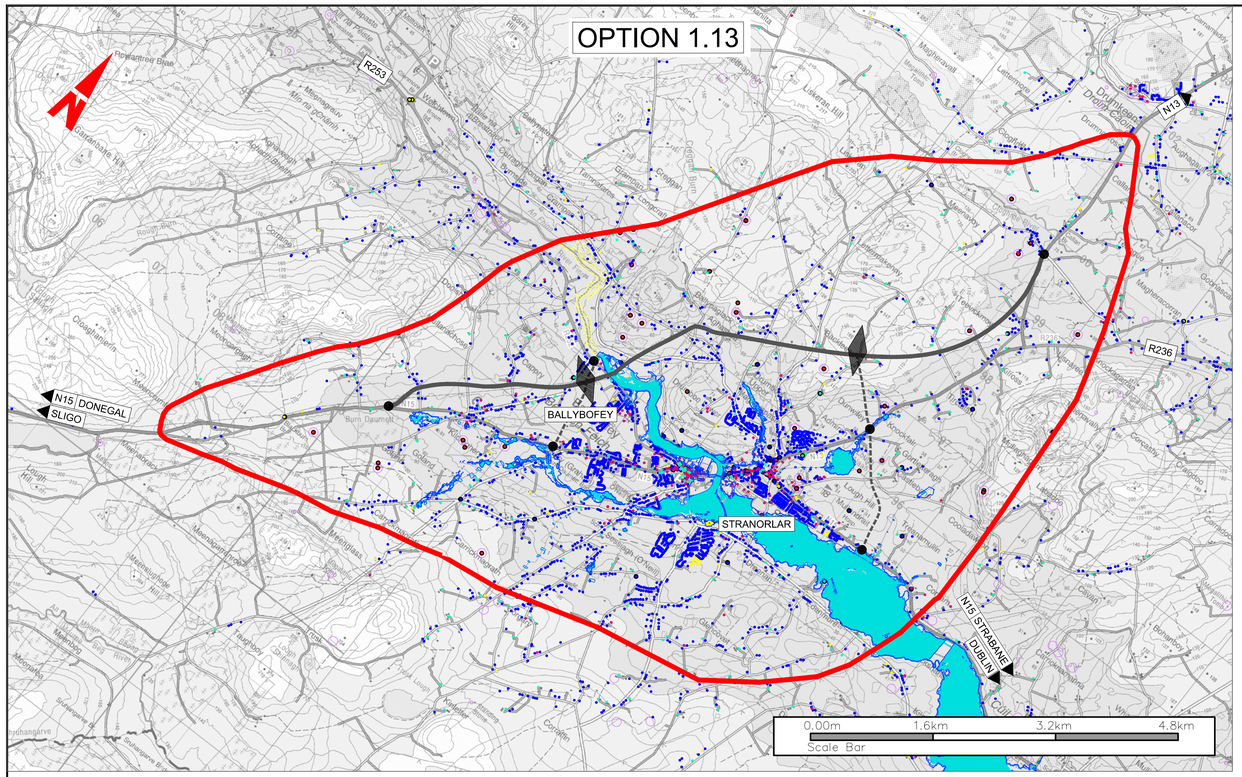

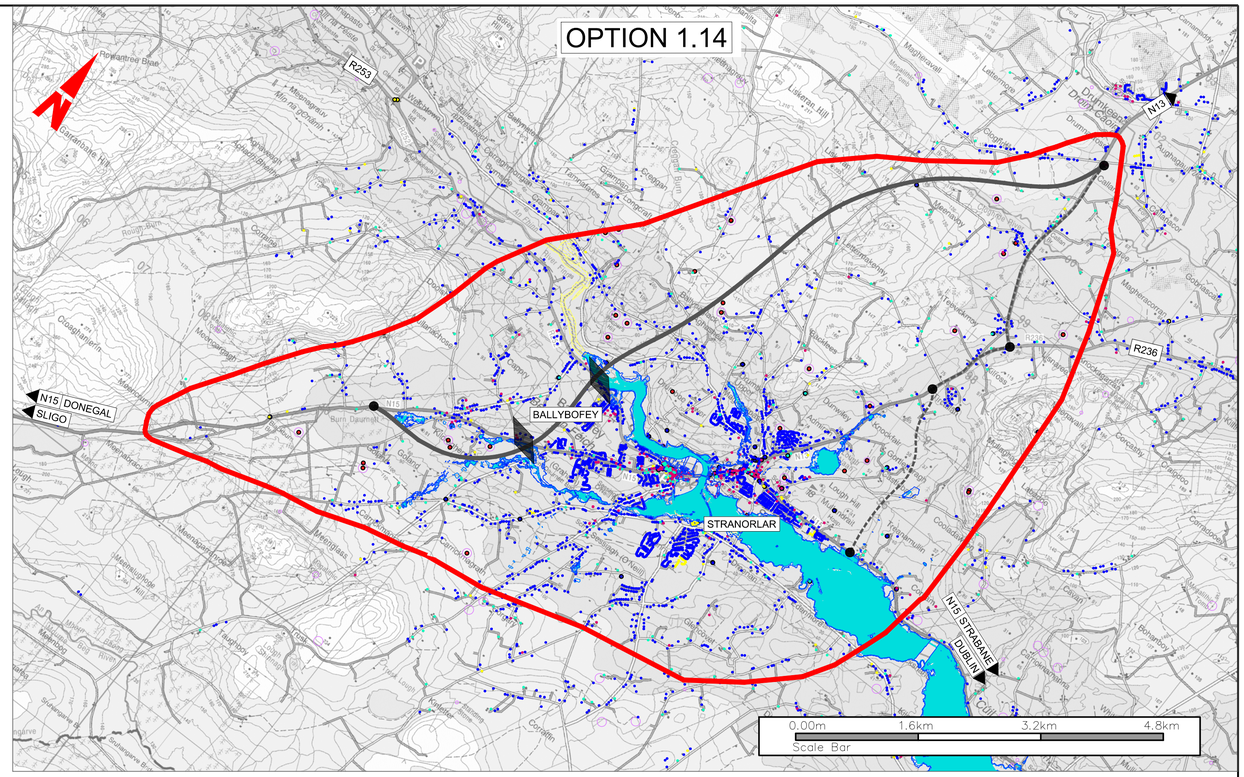

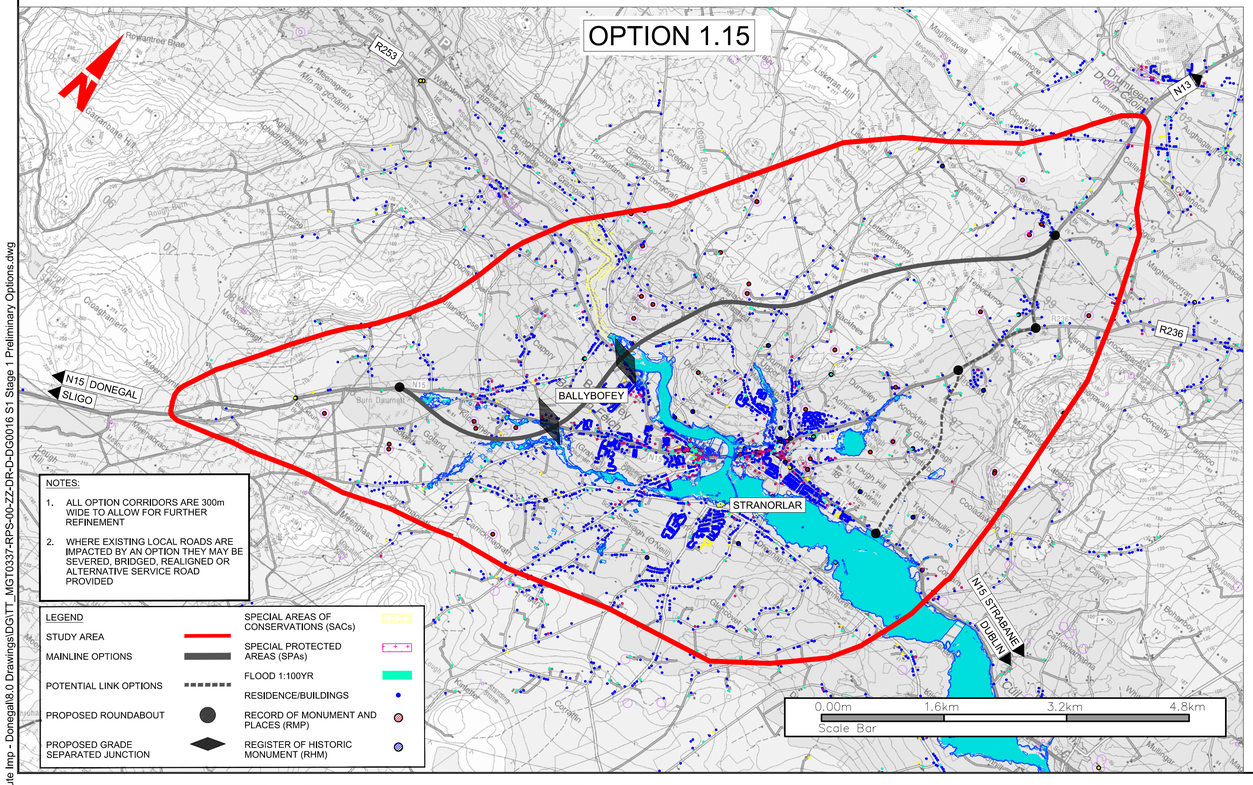

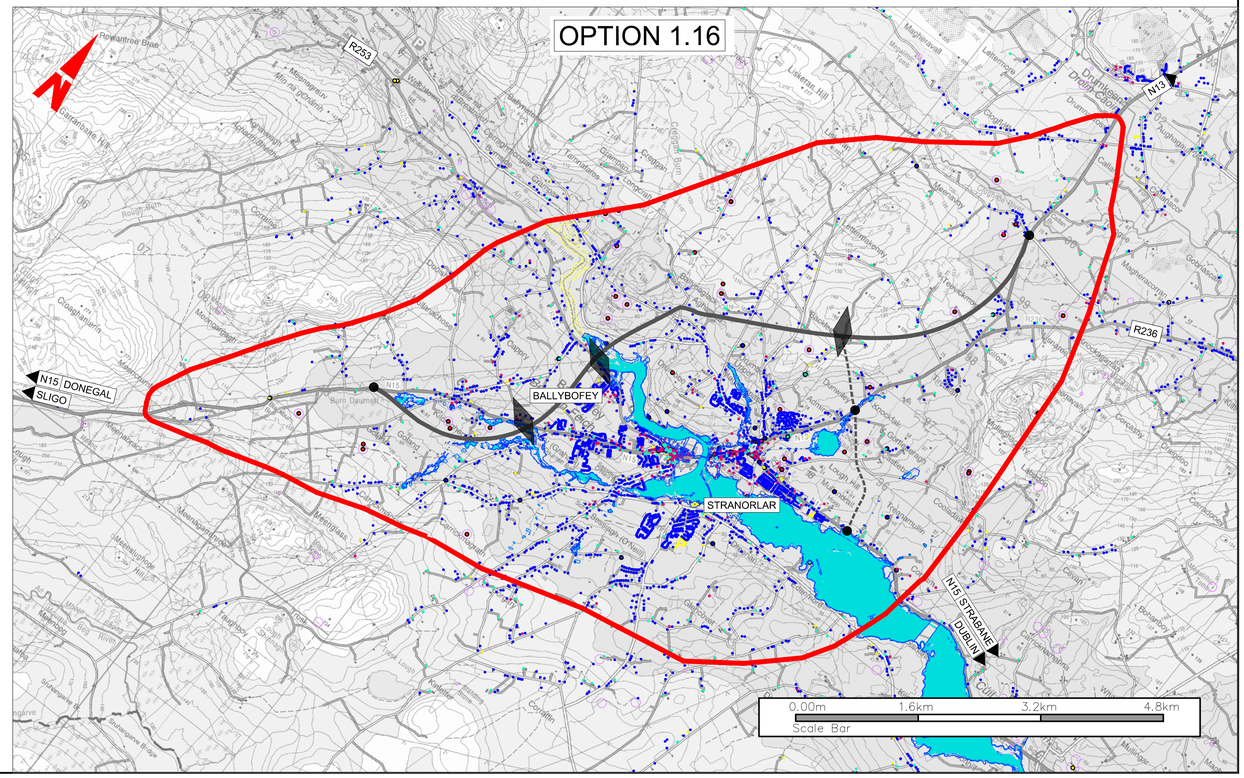

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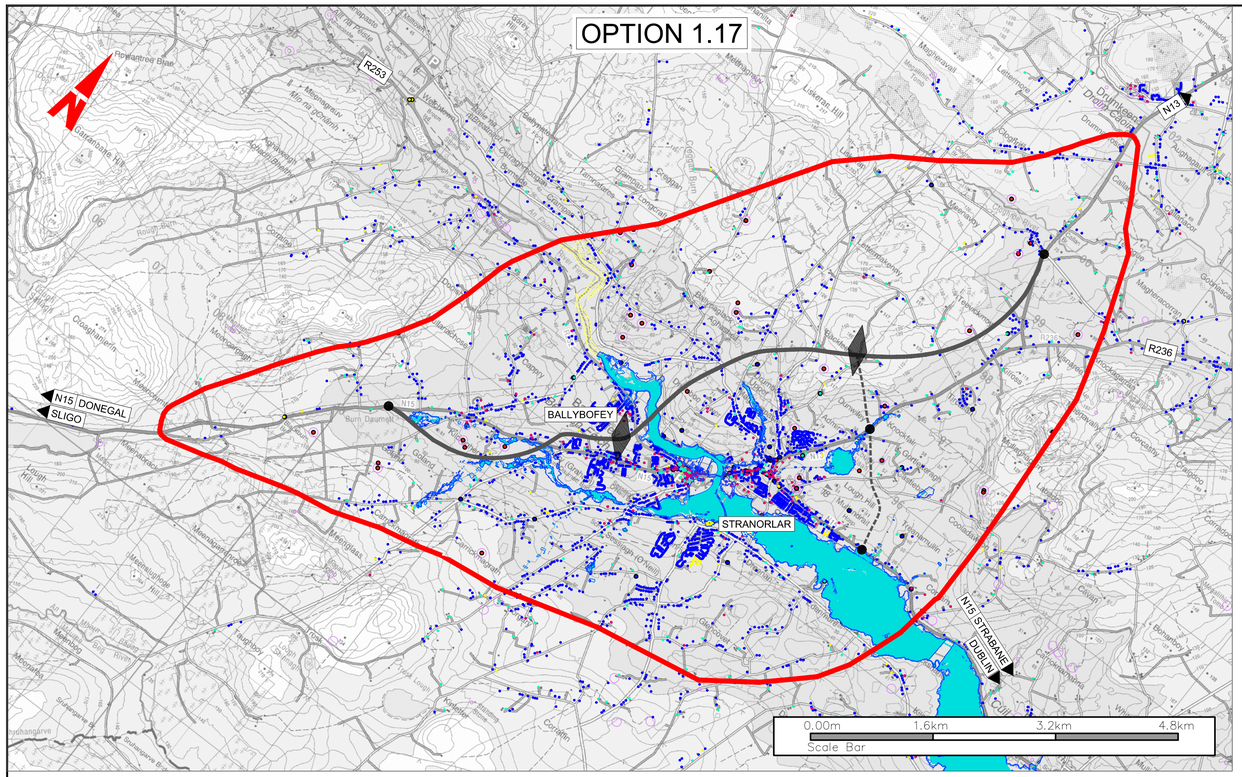

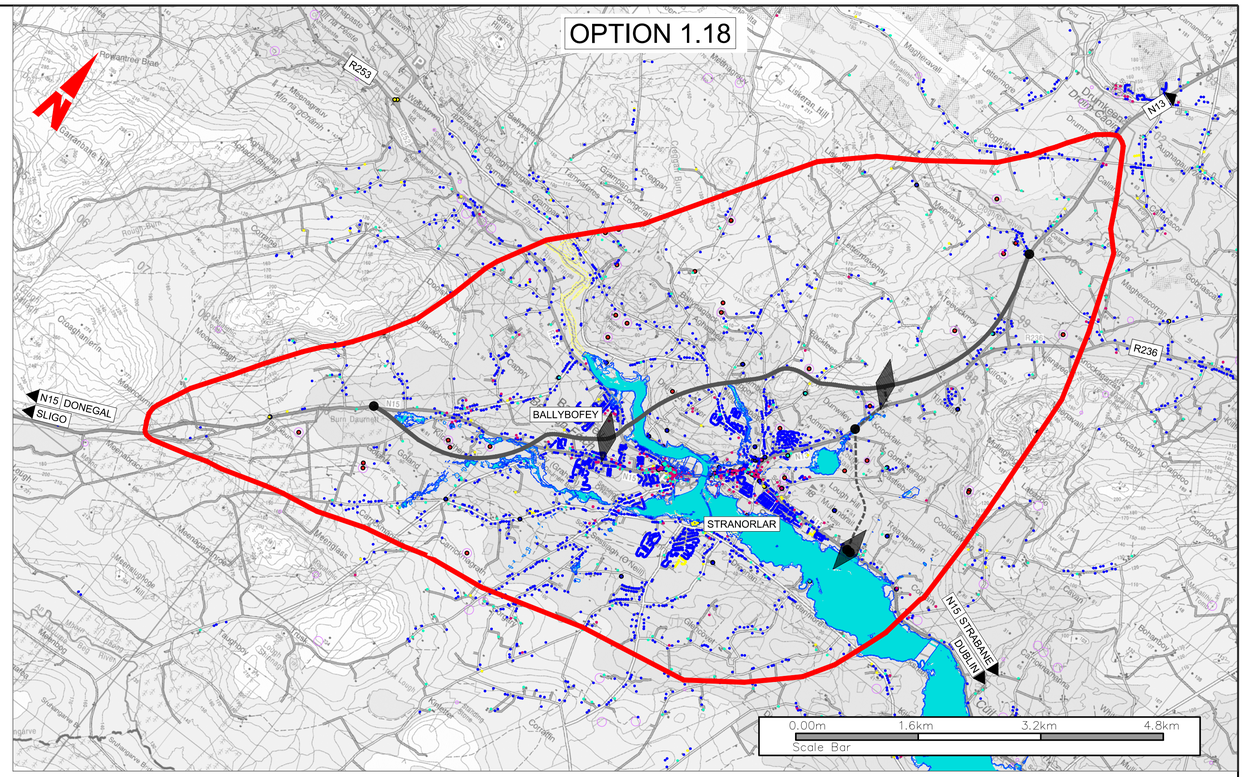

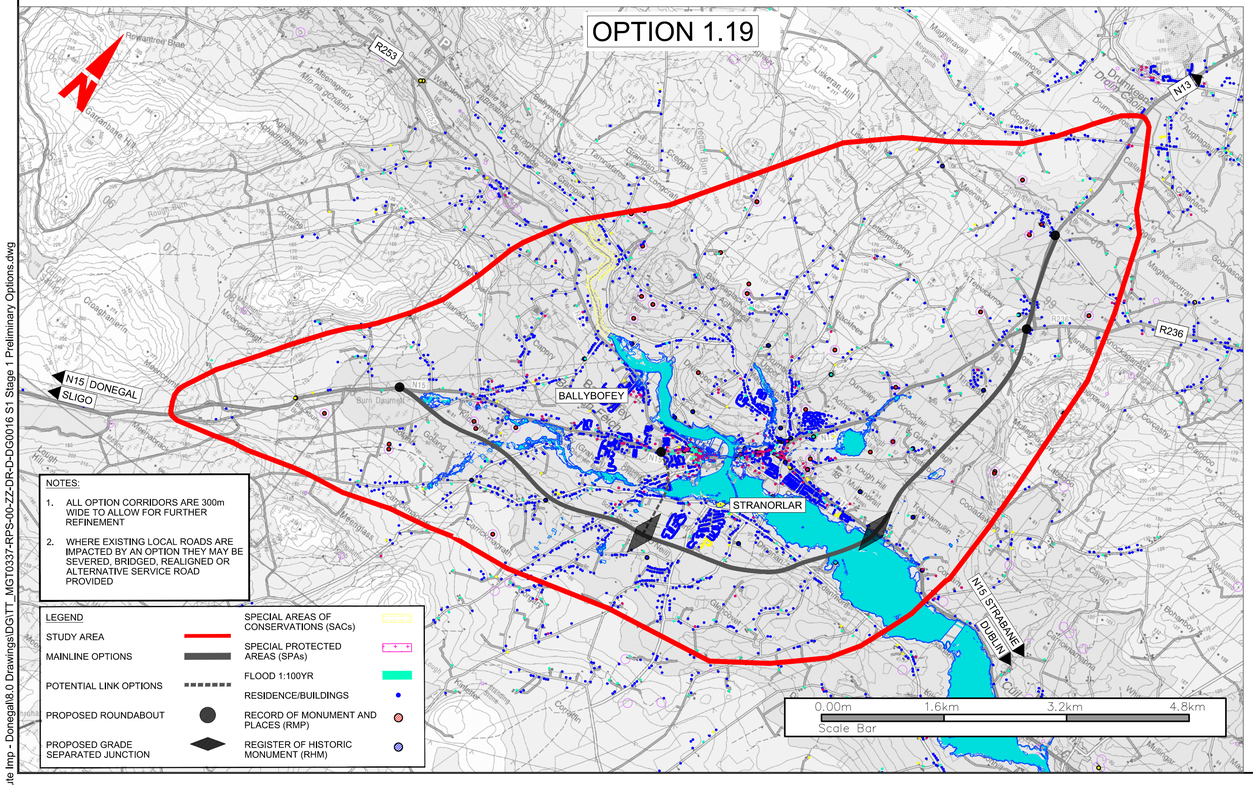

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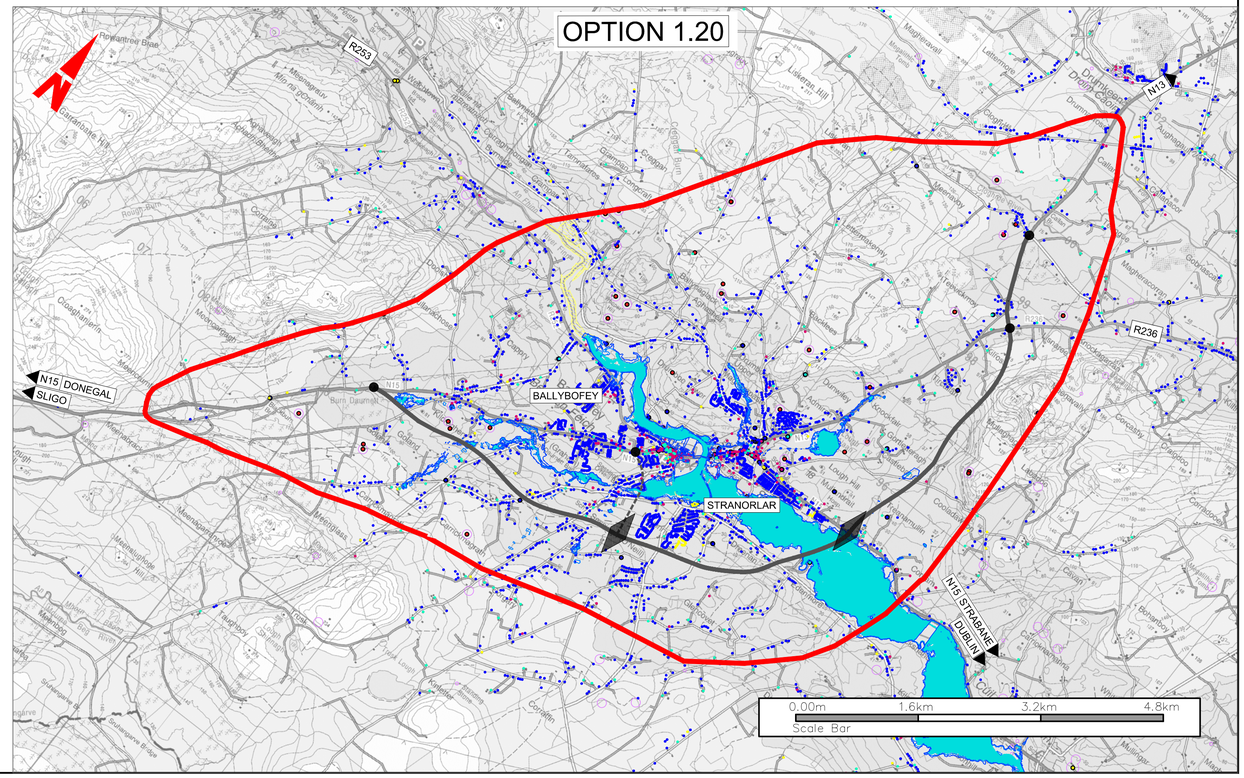

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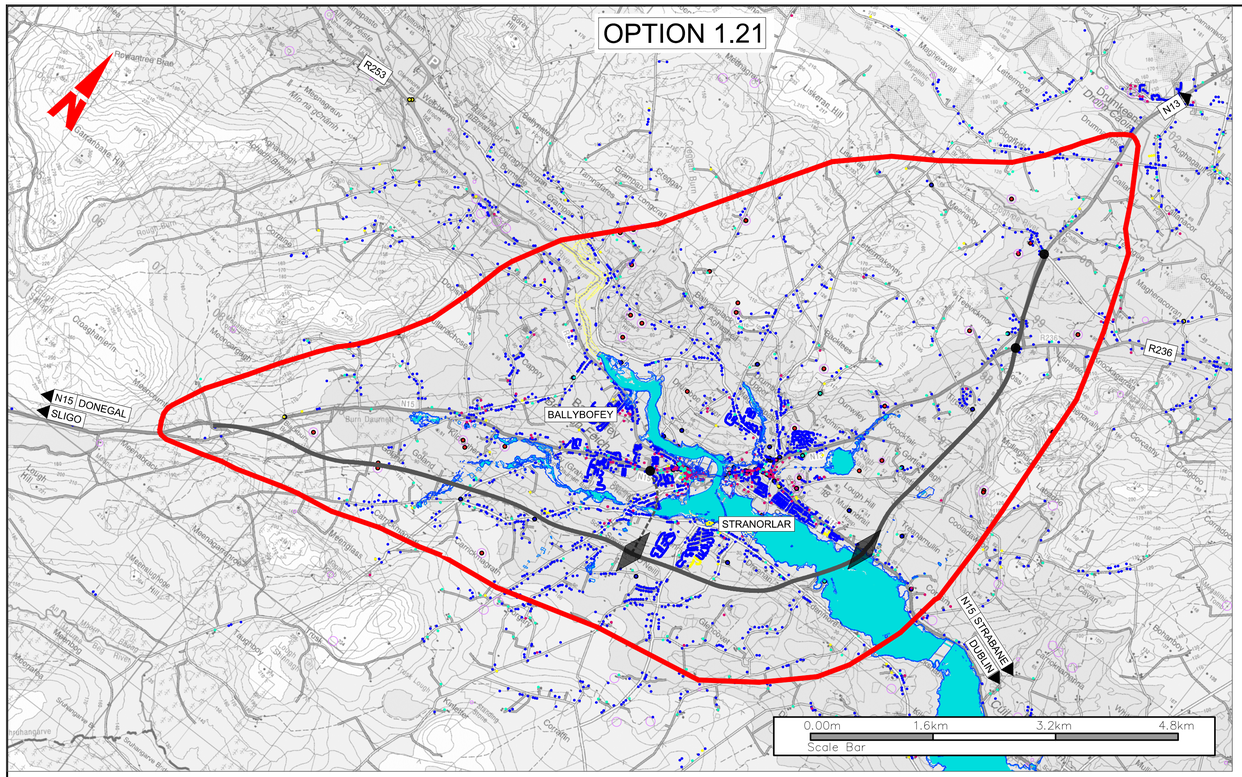

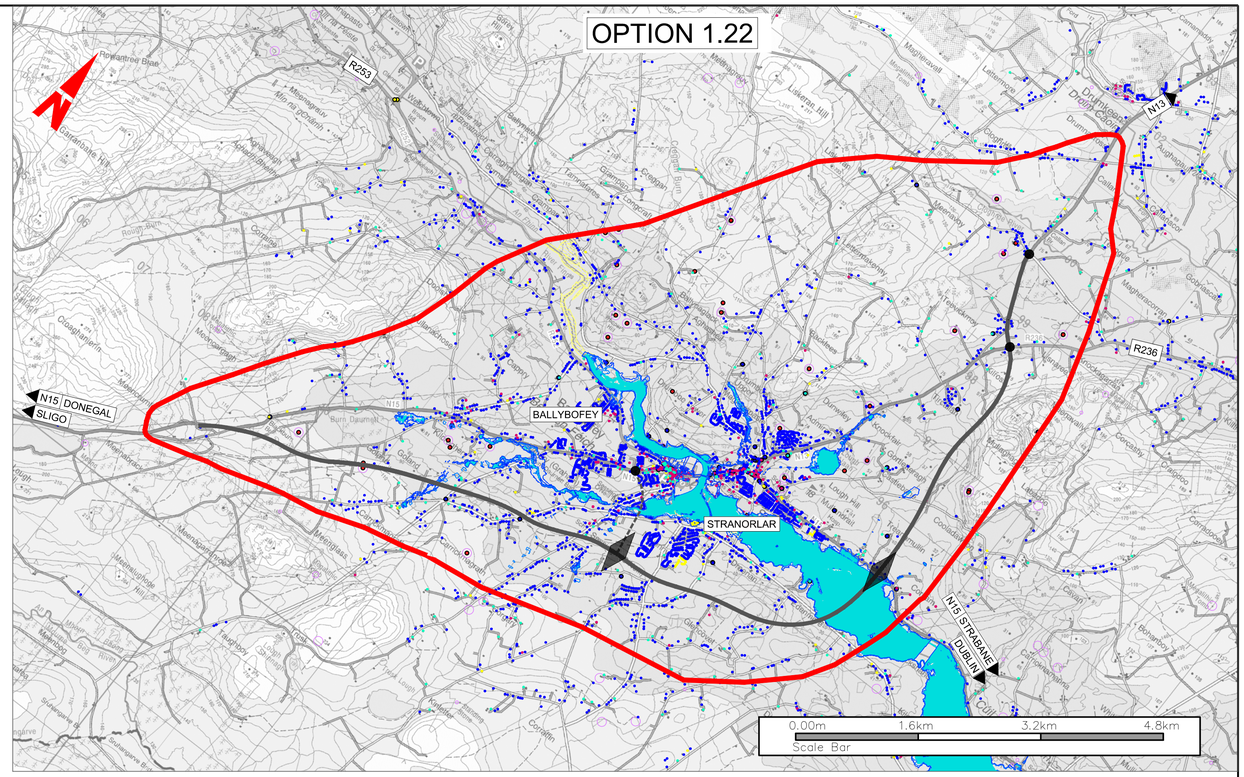

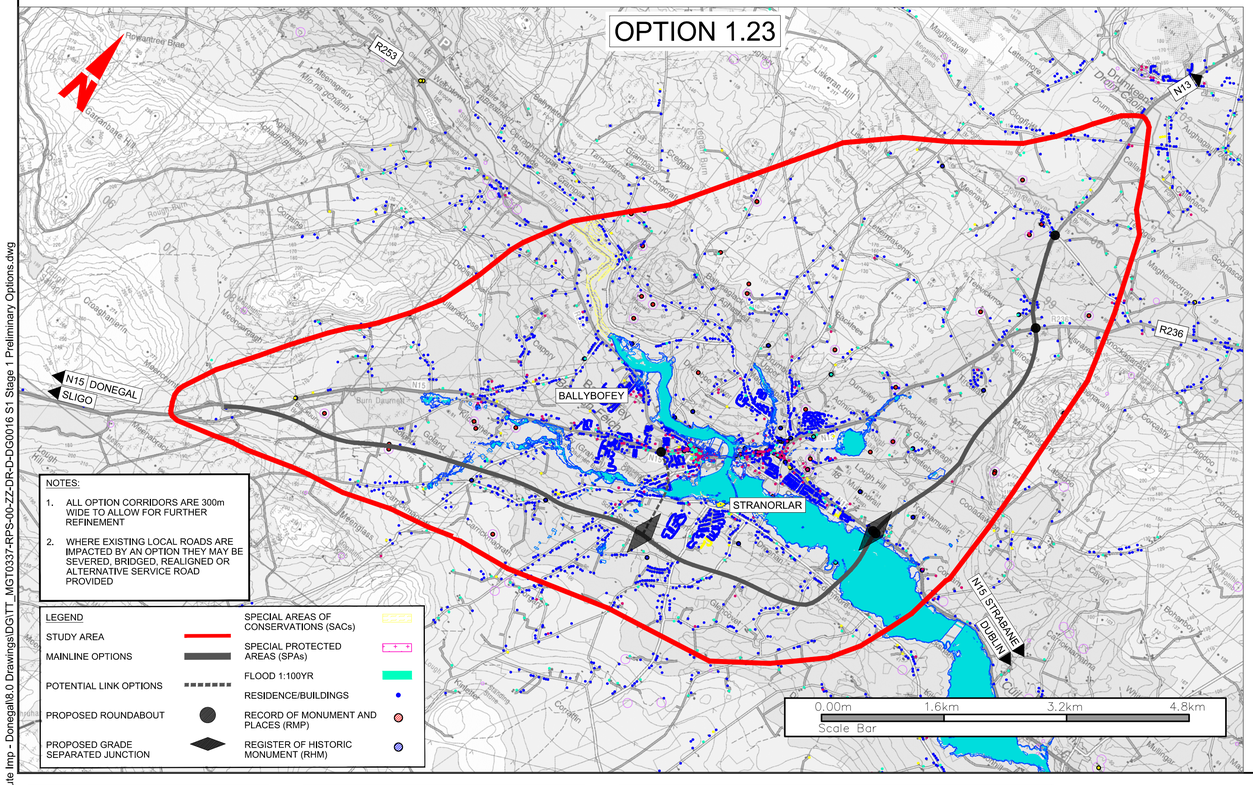

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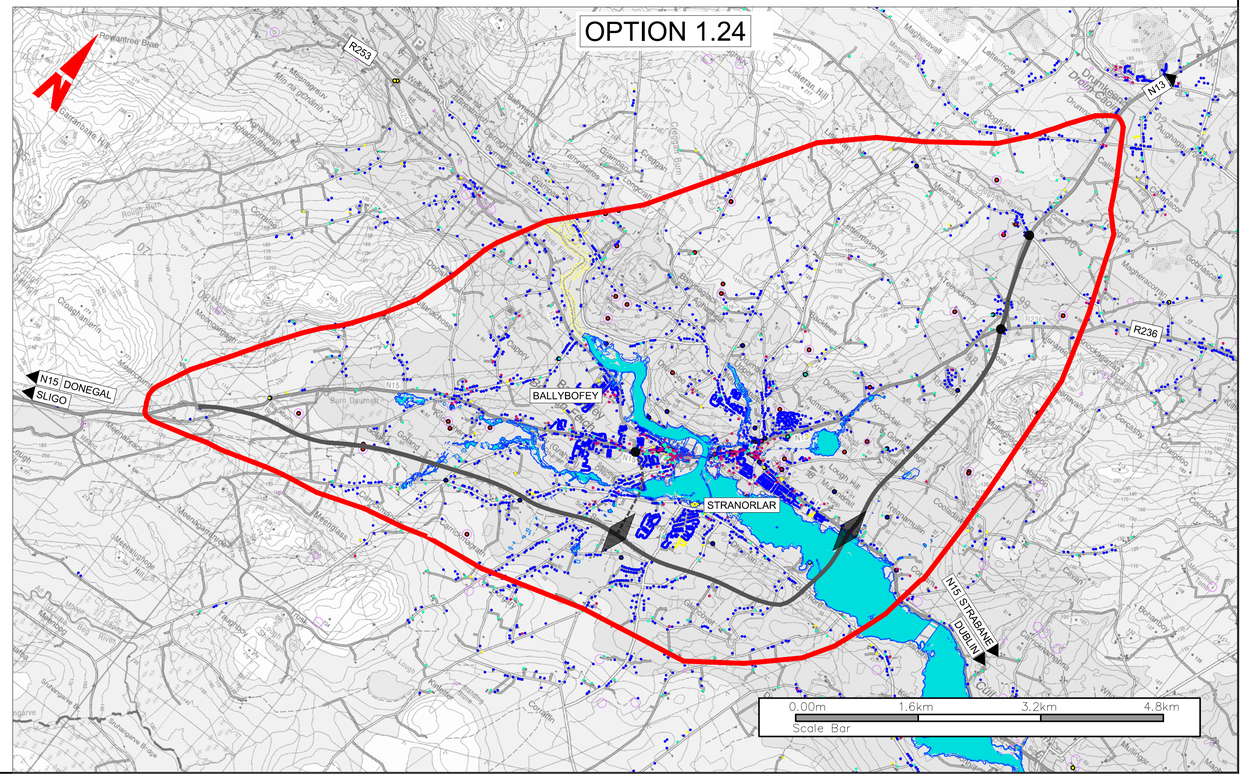

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	18.11.19	SS	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: SECTION 1-N15/N13 Ballybofey/Stranorlar Urban Region Stage 1 Options

Status: S4

Designed: S. Sinha	Date: APR. 2018	Model File Identifier:	Rev:
Drawn: S. Sinha	Scale @ A1: 1:40000		
Approved: E.Cox	@ A3: 1:20000	File Identifier:	P01
Checked: T. Patterson	Sheet: 06 of 09	TT_MGT0337-RPS-00-ZZ-DR-D-DG0016-06	

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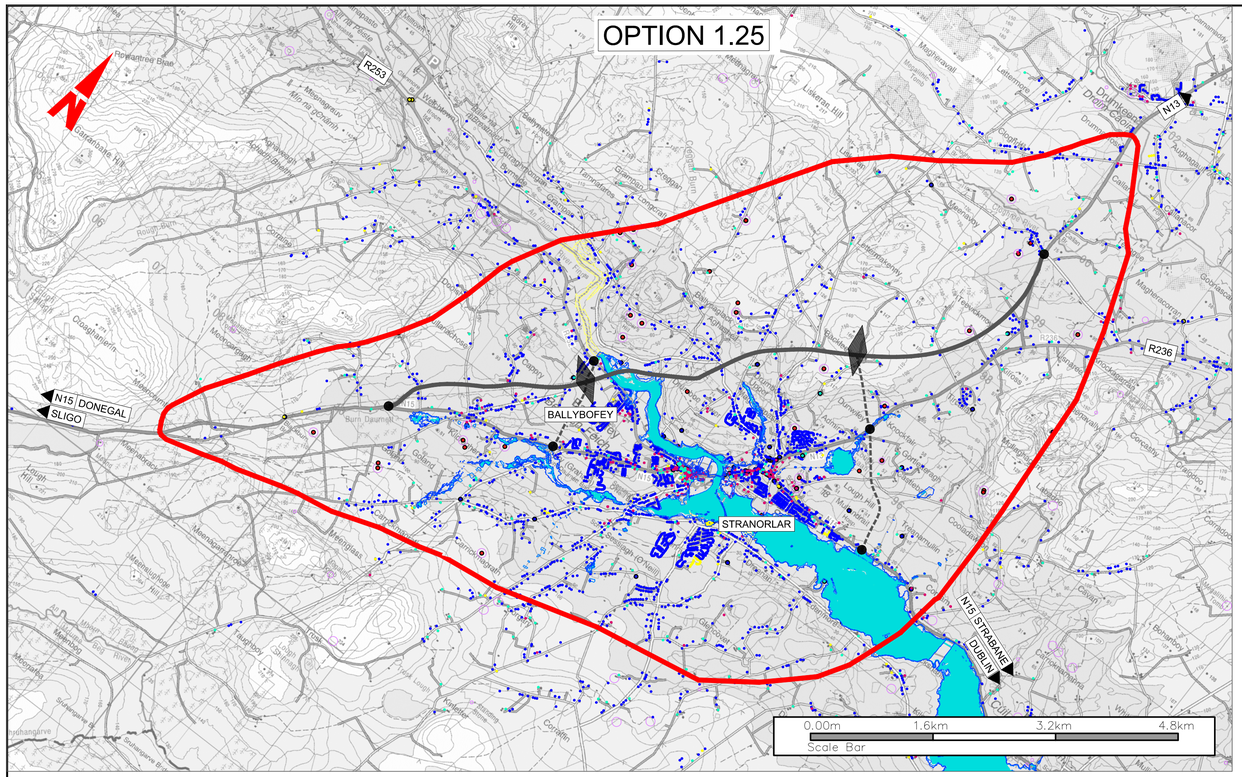
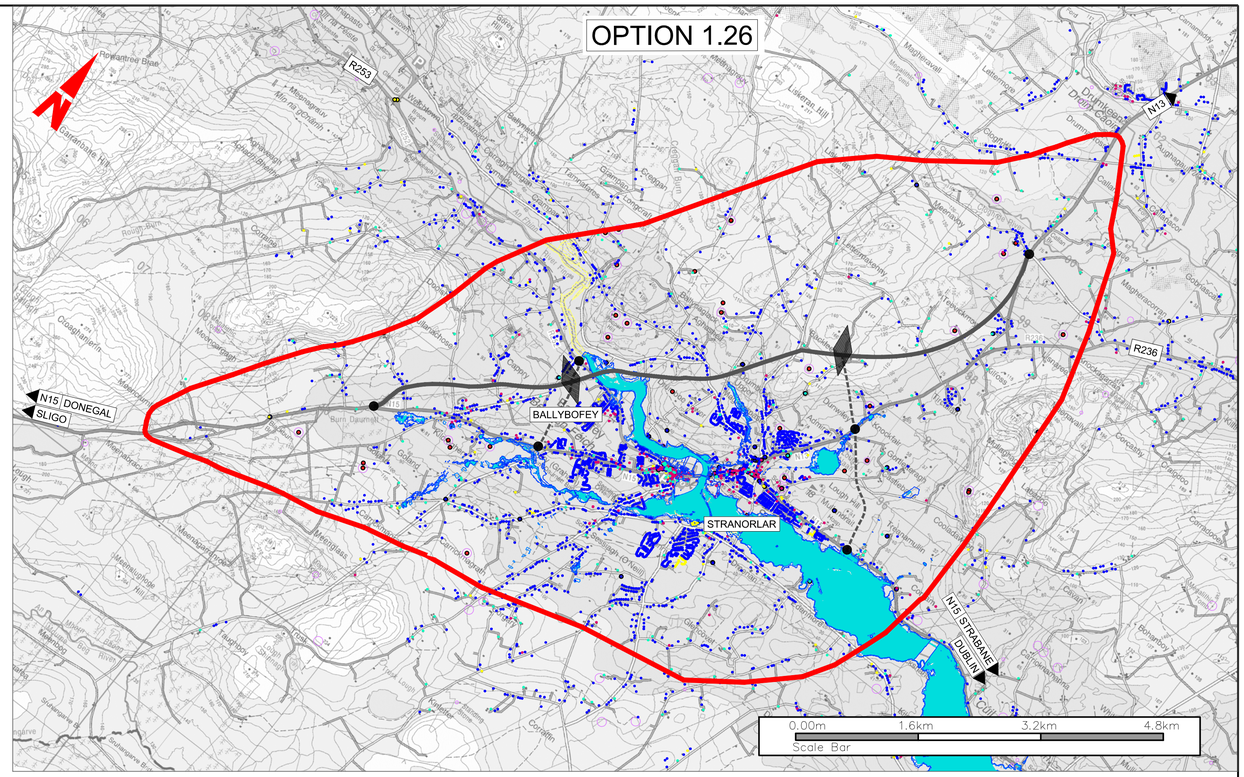
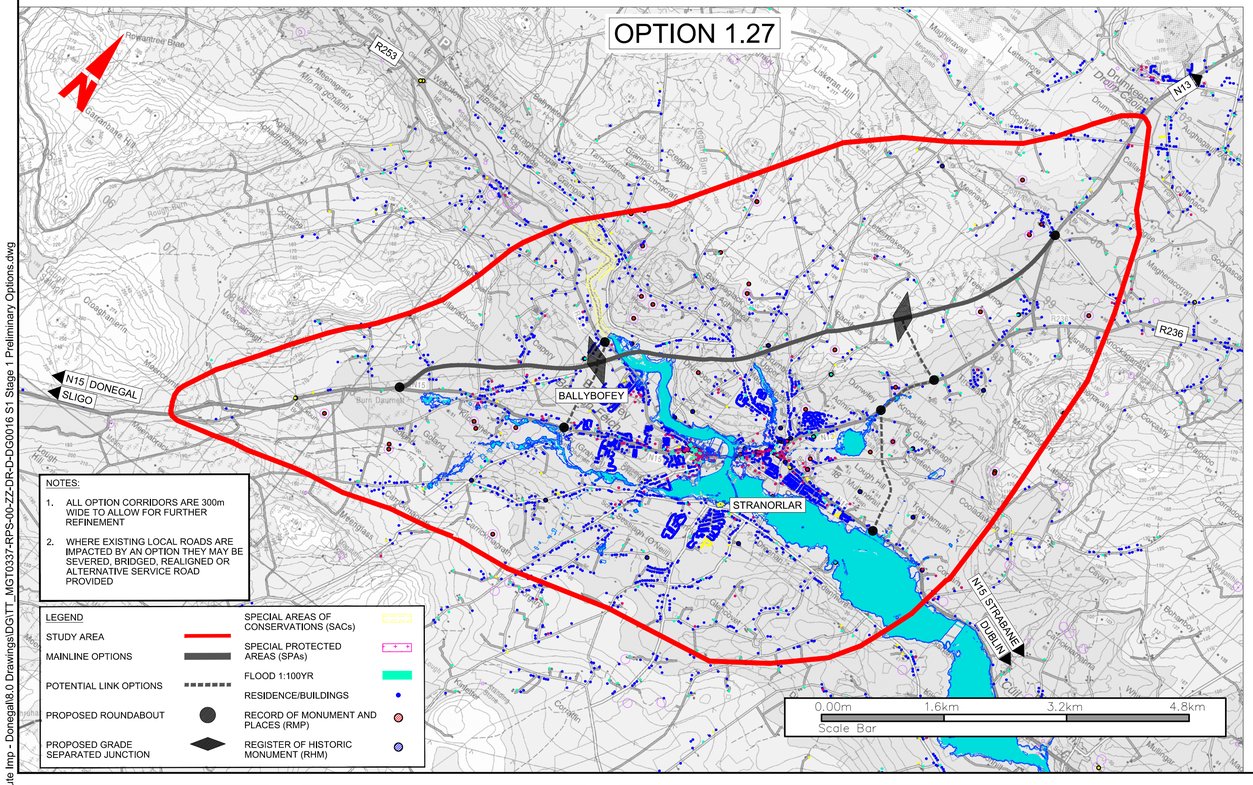




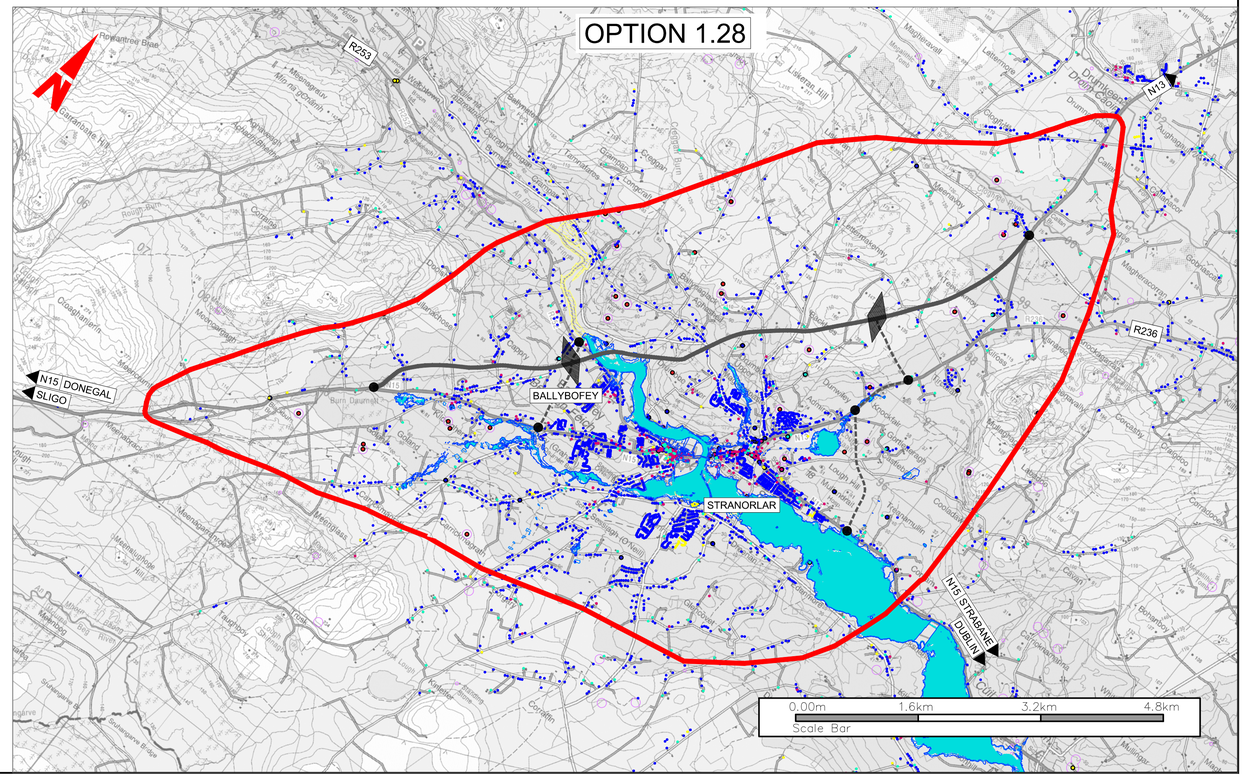


NOTES:

1. ALL OPTION CORRIDORS ARE 300m WIDE TO ALLOW FOR FURTHER REFINEMENT
2. WHERE EXISTING LOCAL ROADS ARE IMPACTED BY AN OPTION THEY MAY BE SEVERED, BRIDGED, REALIGNED OR ALTERNATIVE SERVICE ROAD PROVIDED

LEGEND

- STUDY AREA
- MAINLINE OPTIONS
- POTENTIAL LINK OPTIONS
- PROPOSED ROUNDABOUT
- PROPOSED GRADE SEPARATED JUNCTION
- SPECIAL AREAS OF CONSERVATIONS (SACs)
- SPECIAL PROTECTED AREAS (SPAs)
- FLOOD 1:100YR
- RESIDENCE/BUILDINGS
- RECORD OF MONUMENT AND PLACES (RMP)
- REGISTER OF HISTORIC MONUMENT (RHM)



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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	18.11.19	SS	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: SECTION 1-N15/N13 Ballybofey/Stranorlar Urban Region Stage 1 Options

Status: S4

Designed: S. Sinha	Date: APR. 2018	Model File Identifier:	Rev:
Drawn: S. Sinha	Scale @ A1: 1:40000		
Approved: E.Cox	@ A3: 1:20000	File Identifier:	P01
Checked: T. Patterson	Sheet: 07 of 09	TT_MGT0337-RPS-00-ZZ-DR-D-DG0016-07	

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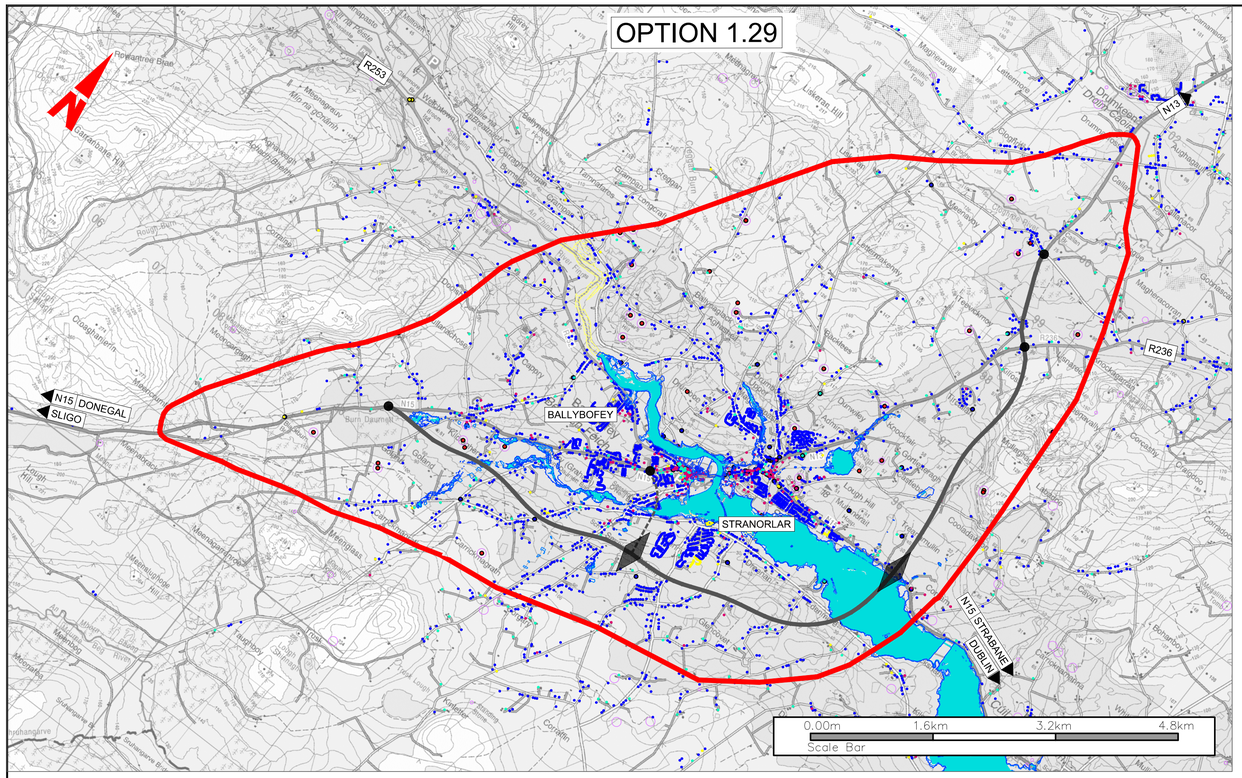

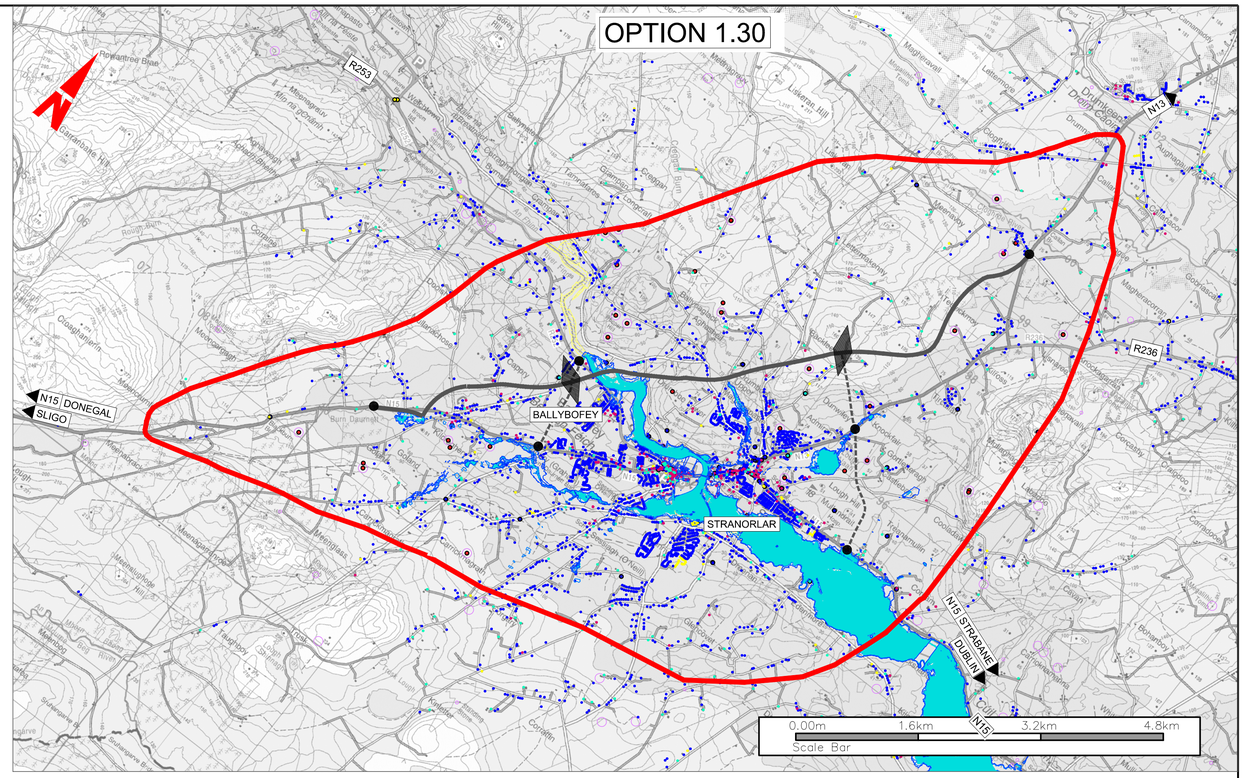

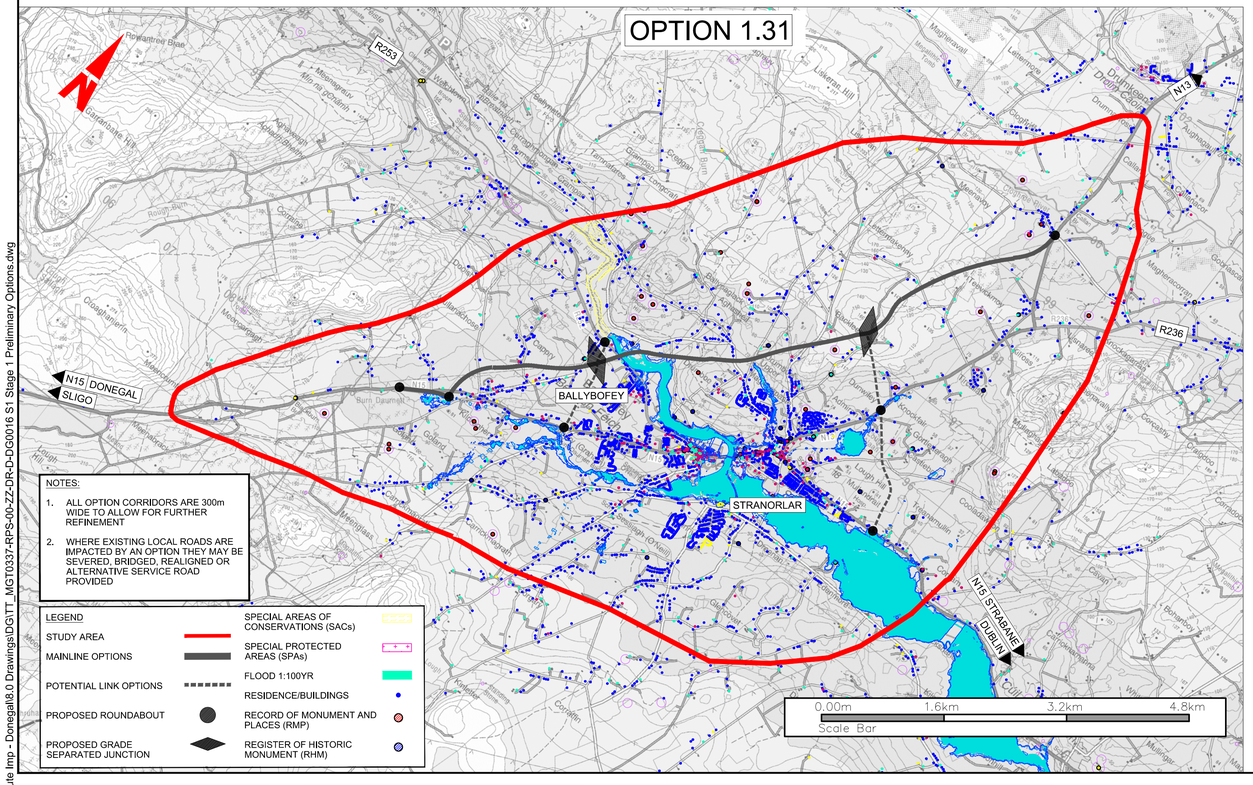

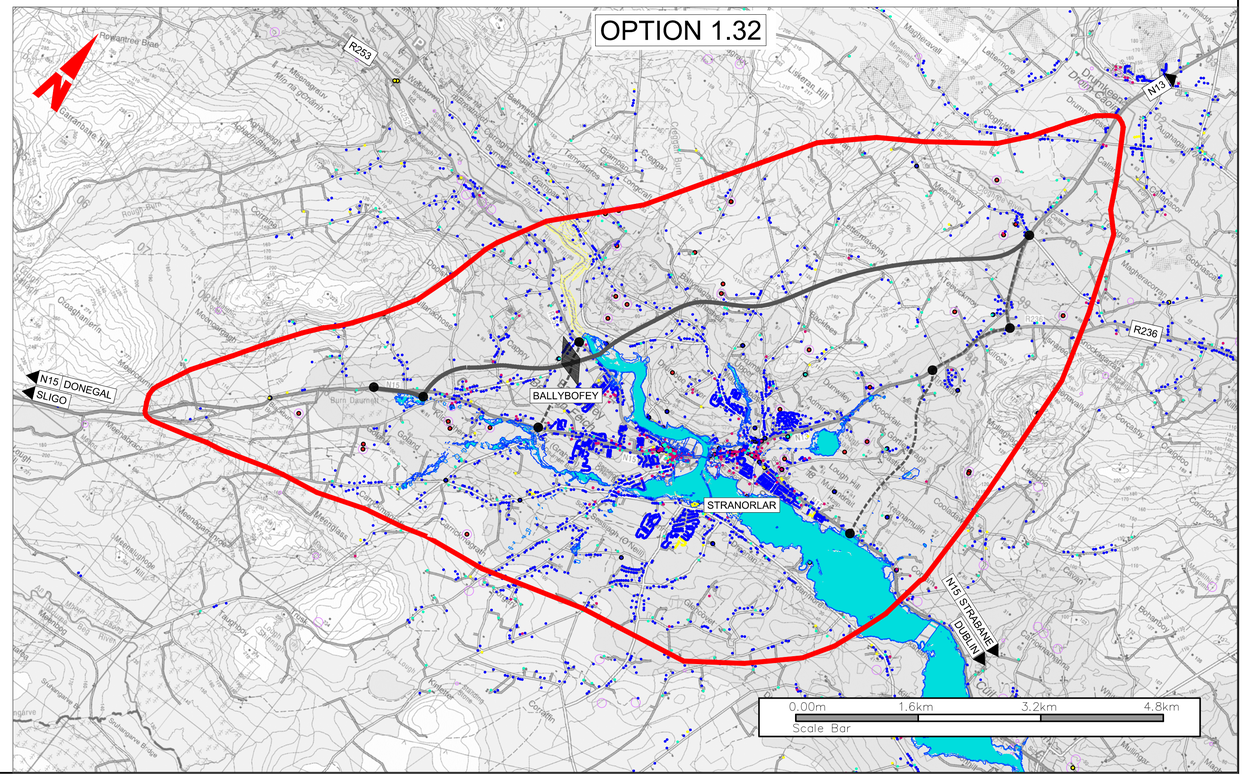

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LEGEND

- STUDY AREA
- MAINLINE OPTIONS
- POTENTIAL LINK OPTIONS
- PROPOSED ROUNDABOUT
- PROPOSED GRADE SEPARATED JUNCTION
- SPECIAL AREAS OF CONSERVATIONS (SACs)
- SPECIAL PROTECTED AREAS (SPAs)
- FLOOD 1:100YR
- RESIDENCE/BUILDINGS
- RECORD OF MONUMENT AND PLACES (RMP)
- REGISTER OF HISTORIC MONUMENT (RHM)

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	18.11.19	SS	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: SECTION 1-N15/N13 Ballybofey/Stranorlar Urban Region Stage 1 Options

Status: S4

Designed: S. Sinha	Date: APR. 2018	Model File Identifier:	Rev:
Drawn: S. Sinha	Scale @ A1: 1:40000		
Approved: E.Cox	@ A3: 1:20000	File Identifier:	P01
Checked: T. Patterson	Sheet: 08 of 09	TT_MGT0337-RPS-00-ZZ-DR-D-DG0016-08	

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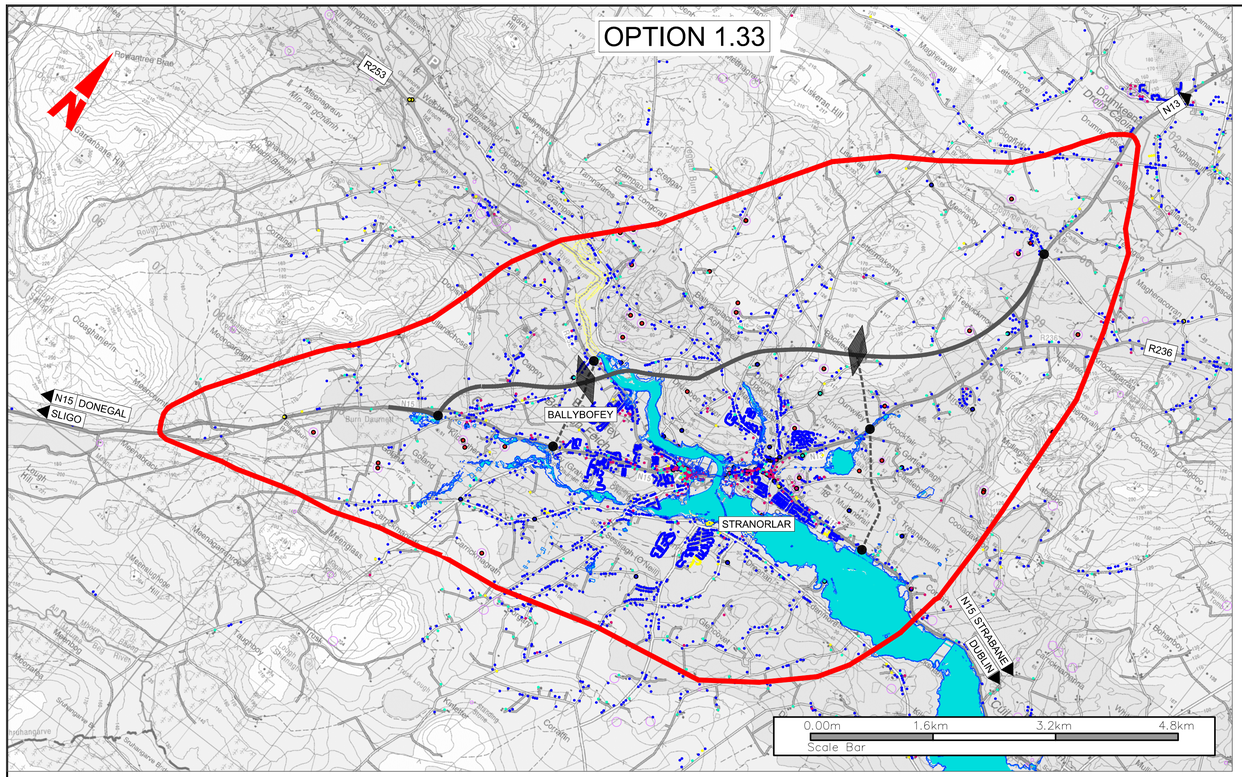

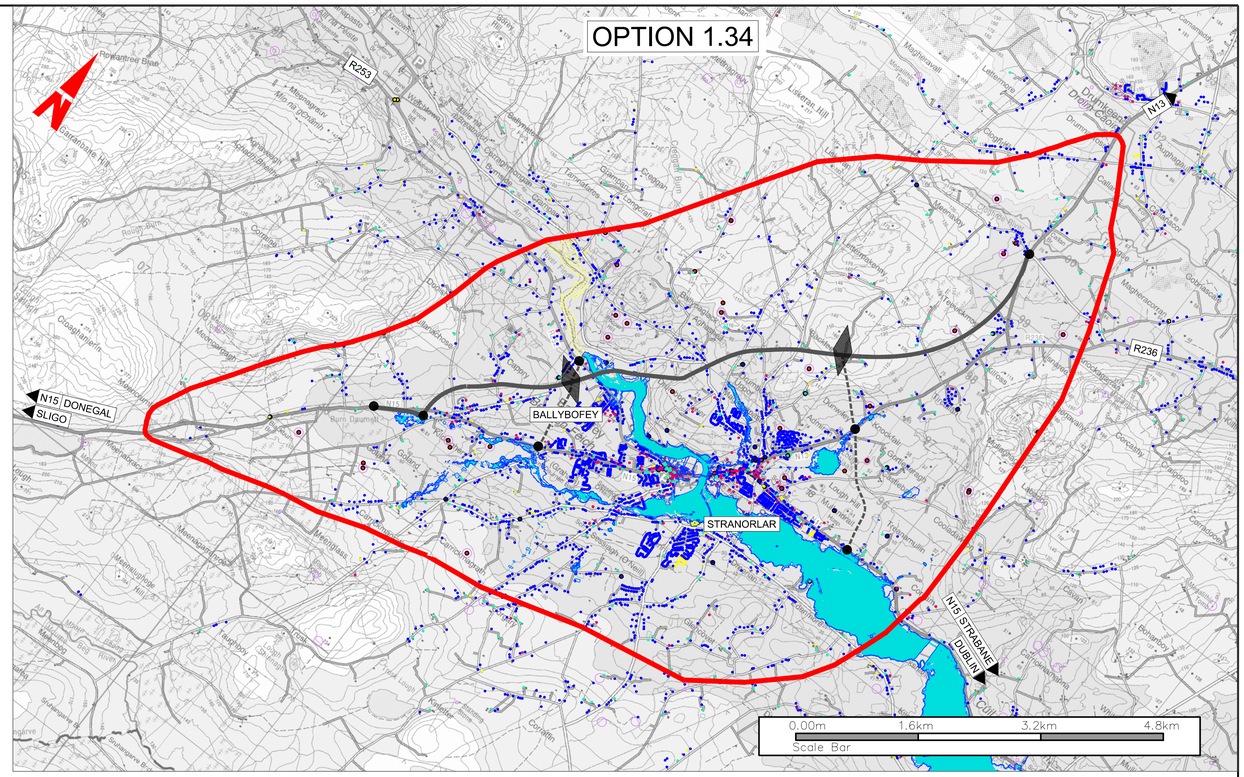

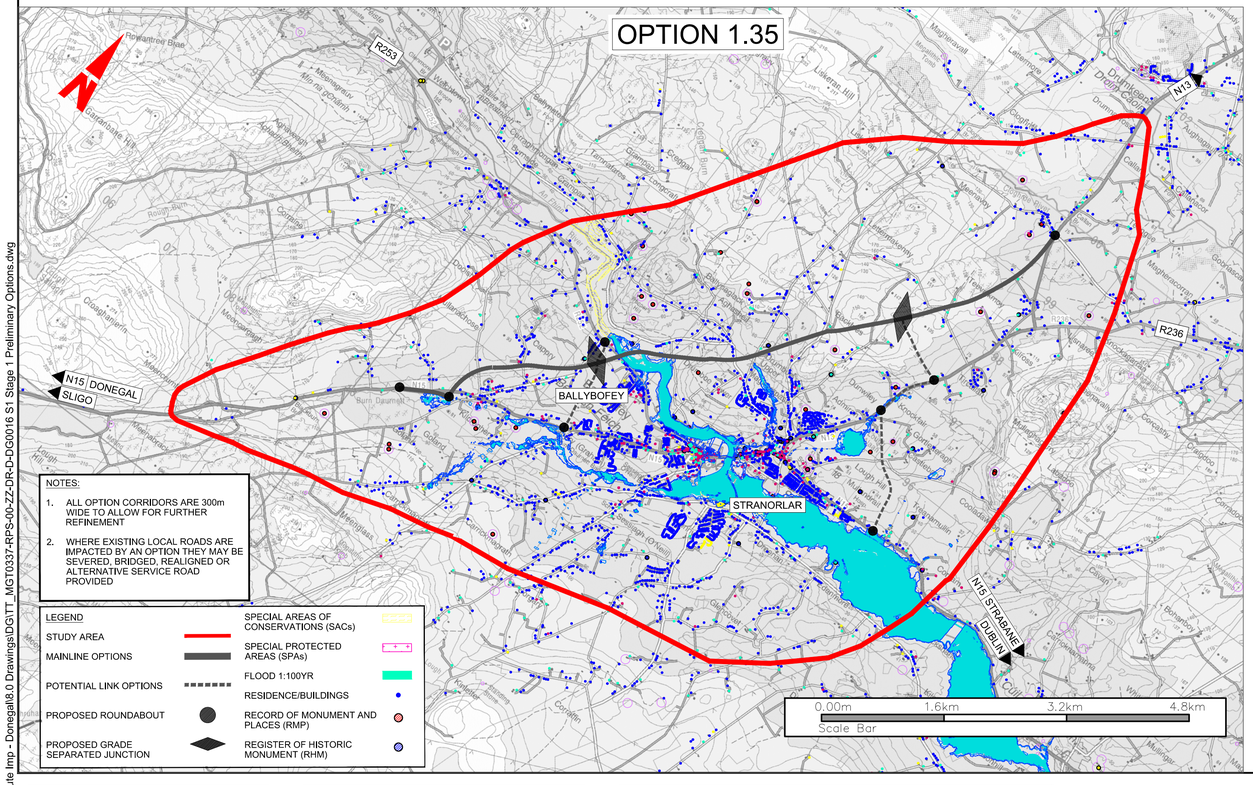

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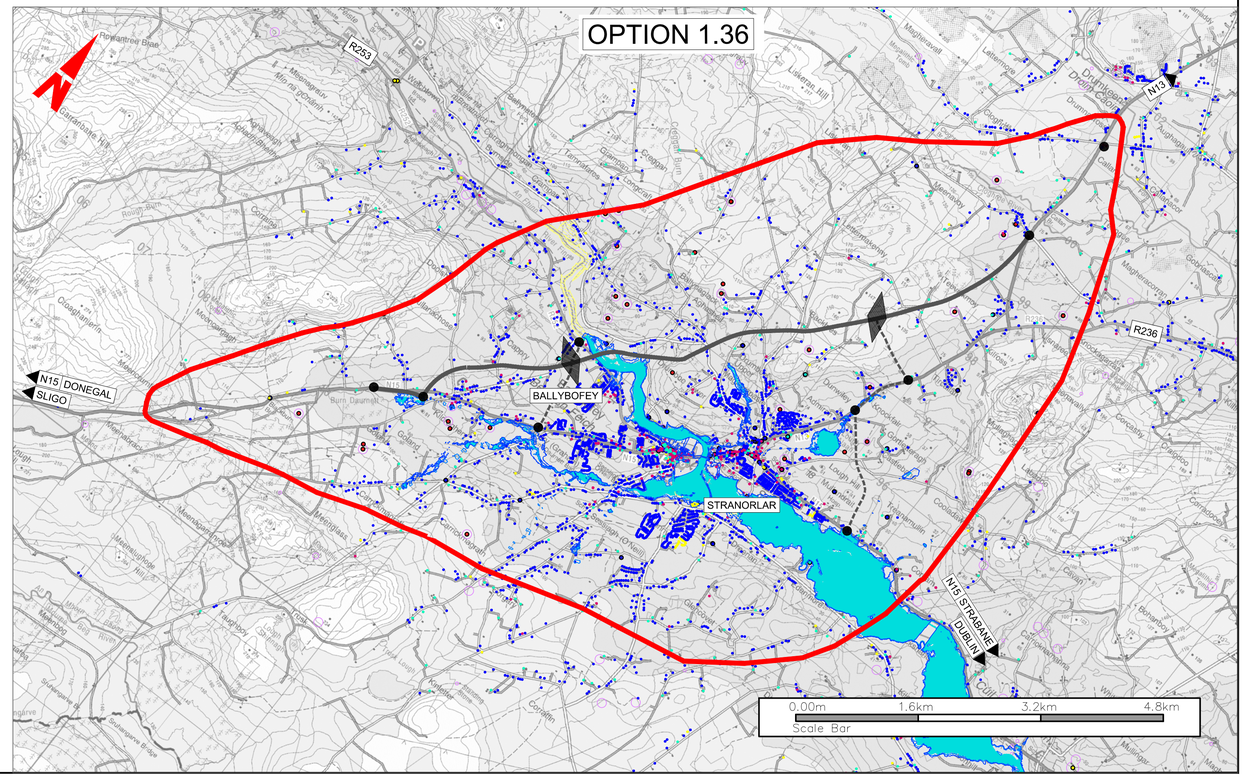
2. WHERE EXISTING LOCAL ROADS ARE IMPACTED BY AN OPTION THEY MAY BE SEVERED, BRIDGED, REALIGNED OR ALTERNATIVE SERVICE ROAD PROVIDED

LEGEND

- STUDY AREA
- MAINLINE OPTIONS
- POTENTIAL LINK OPTIONS
- PROPOSED ROUNDABOUT
- PROPOSED GRADE SEPARATED JUNCTION
- SPECIAL AREAS OF CONSERVATIONS (SACs)
- SPECIAL PROTECTED AREAS (SPAs)
- FLOOD 1:100YR
- RESIDENCE/BUILDINGS
- RECORD OF MONUMENT AND PLACES (RMP)
- REGISTER OF HISTORIC MONUMENT (RHM)



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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	18.11.19	SS	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: SECTION 1-N15/N13 Ballybofey/Stranorlar Urban Region Stage 1 Options

Status: S4

Designed: S. Sinha	Date: APR. 2018	Model File Identifier:	Rev:
Drawn: S. Sinha	Scale @ A1: 1:40000		
Approved: E.Cox	@ A3: 1:20000	File Identifier:	P01
Checked: T. Patterson	Sheet: 09 of 09	TT_MGT0337-RPS-00-ZZ-DR-D-DG0016-09	

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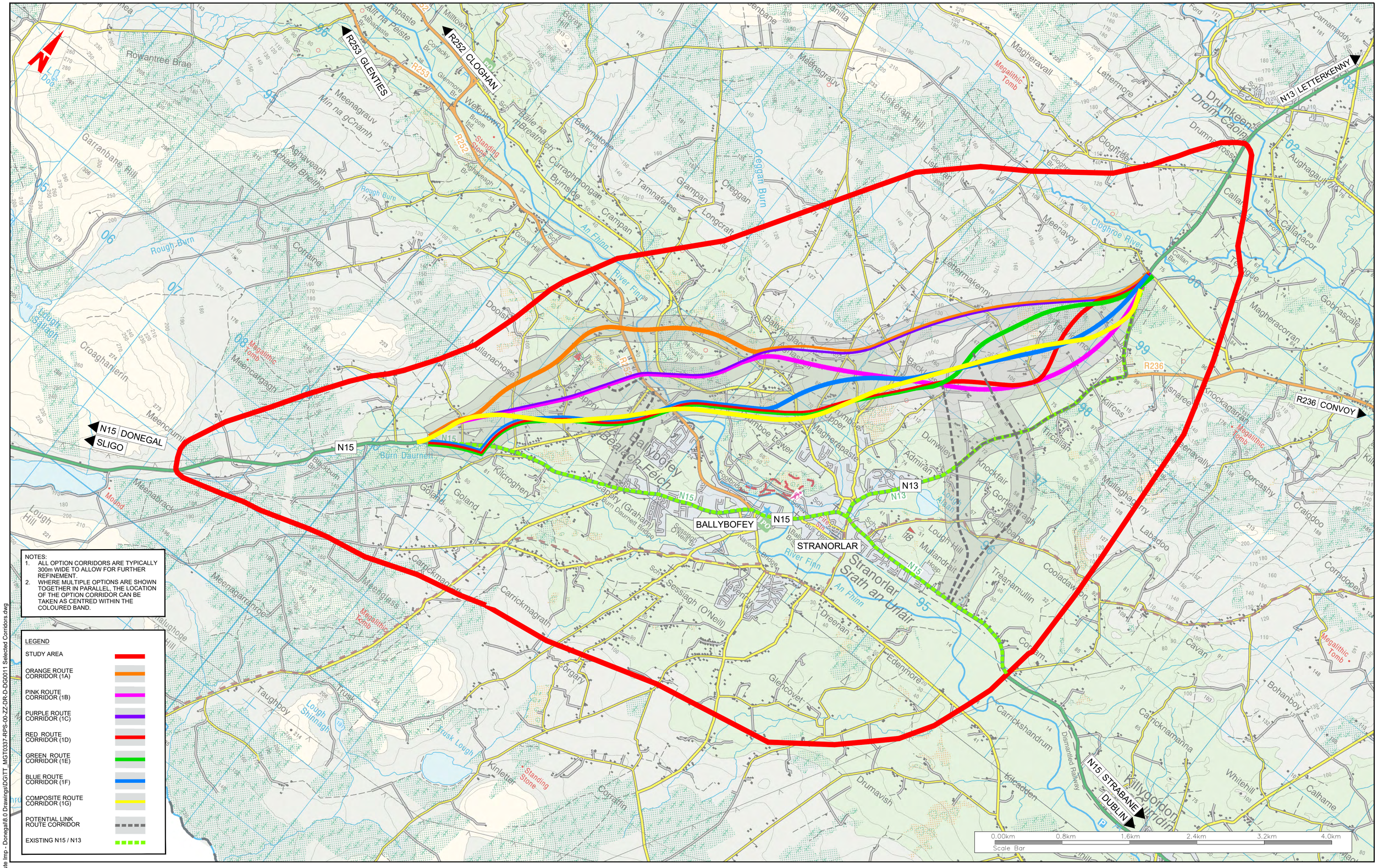

NOTES:
1. ALL OPTION CORRIDORS ARE TYPICALLY 300m WIDE TO ALLOW FOR FURTHER REFINEMENT.
2. WHERE MULTIPLE OPTIONS ARE SHOWN TOGETHER IN PARALLEL, THE LOCATION OF THE OPTION CORRIDOR CAN BE TAKEN AS CENTRED WITHIN THE COLOURED BAND.

LEGEND

- STUDY AREA
- ORANGE ROUTE CORRIDOR (1A)
- PINK ROUTE CORRIDOR (1B)
- PURPLE ROUTE CORRIDOR (1C)
- RED ROUTE CORRIDOR (1D)
- GREEN ROUTE CORRIDOR (1E)
- BLUE ROUTE CORRIDOR (1F)
- COMPOSITE ROUTE CORRIDOR (1G)
- POTENTIAL LINK ROUTE CORRIDOR
- EXISTING N15 / N13

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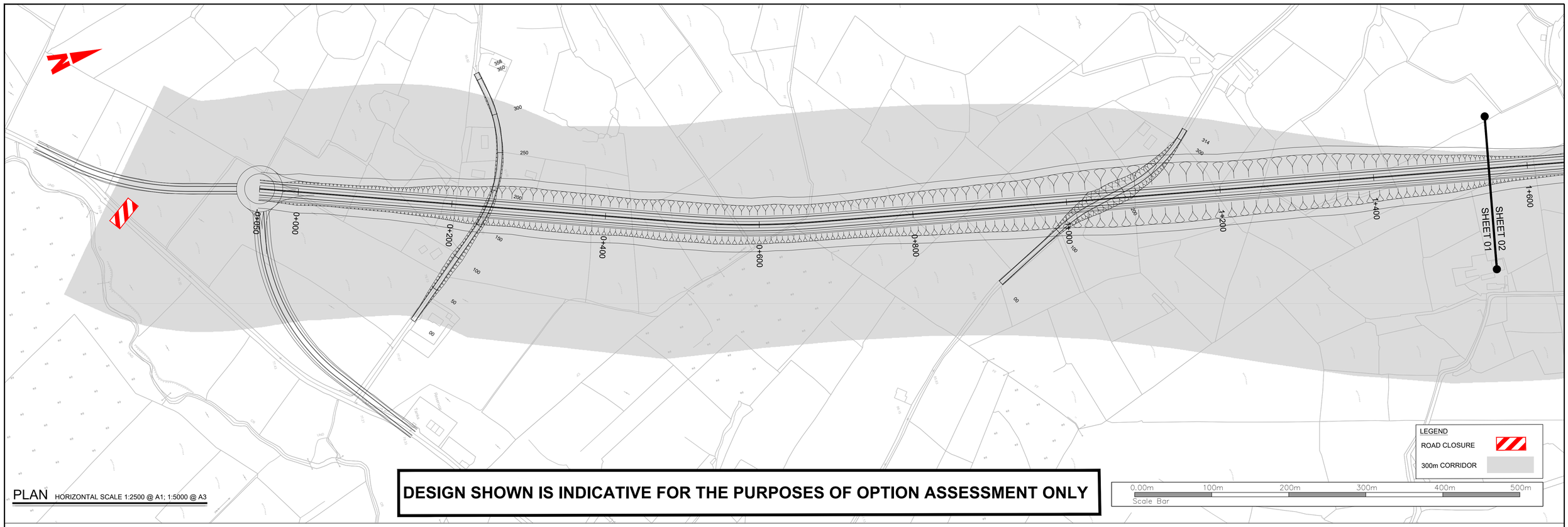
Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	SS	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: SECTION 1 STAGE 2 ROUTE OPTIONS

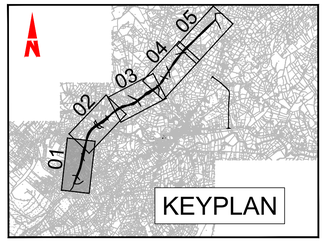
Status: S4

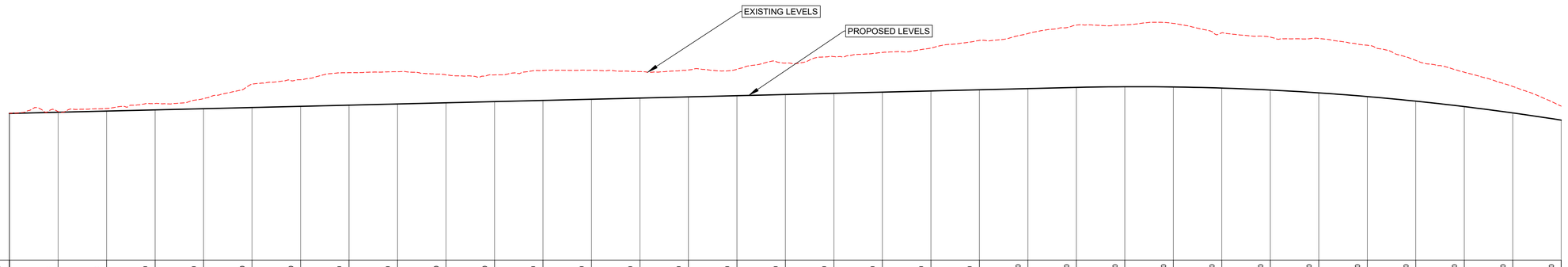
Designed: R. Kenny	Date: APR. 2018	Model File Identifier:	Rev:
Drawn: R. Kenny	Scale @ A1: 1:20 000		
Approved: E.Cox	@ A3: 1:40 000	File Identifier:	P01
Checked: T. Patterson	Sheet: 01 of 02	TT_MGT0337-RPS-00-ZZ-DR-D-DG0011-01	



PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





Datum 50.000 m

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EXISTING LEVELS	80.196	80.580	81.211	82.241	83.256	86.234	87.132	88.588	88.775	88.141	88.125	89.045	89.086	88.814	89.147	89.272	90.567	91.902	92.762	93.649	95.242	96.642	98.392	98.441	98.733	96.793	95.919	95.634	94.242	91.110	88.687	85.749	81.685
PROPOSED LEVELS	80.196	80.440	80.883	80.927	81.171	81.415	81.659	81.902	82.146	82.390	82.634	82.878	83.121	83.365	83.609	83.853	84.097	84.340	84.584	84.828	85.072	85.316	85.558	85.691	85.645	85.420	85.015	84.430	83.667	82.724	81.601	80.300	78.819
HORIZONTAL GEOMETRY		L =521.843											L: 69.980	R: 1020.000 L: 91.094		L: 69.980	L =1020.713																		
VERTICAL GEOMETRY		G =0.488% L =1094.551																														R =13938.188 K =139.382 L =562.243			

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1A PLAN & PROFILE
FIGURE 1A SHEET 1 OF 5

Status: S4

Designed: DC | Date: AUG 18 | Model File Identifier: N/A
Drawn: LM | Scale @ A1: AS SHOWN | @ A3: AS SHOWN
Approved: TP | File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0014-01
Checked: EC | Sheet: 01 of 05

Rev: P01

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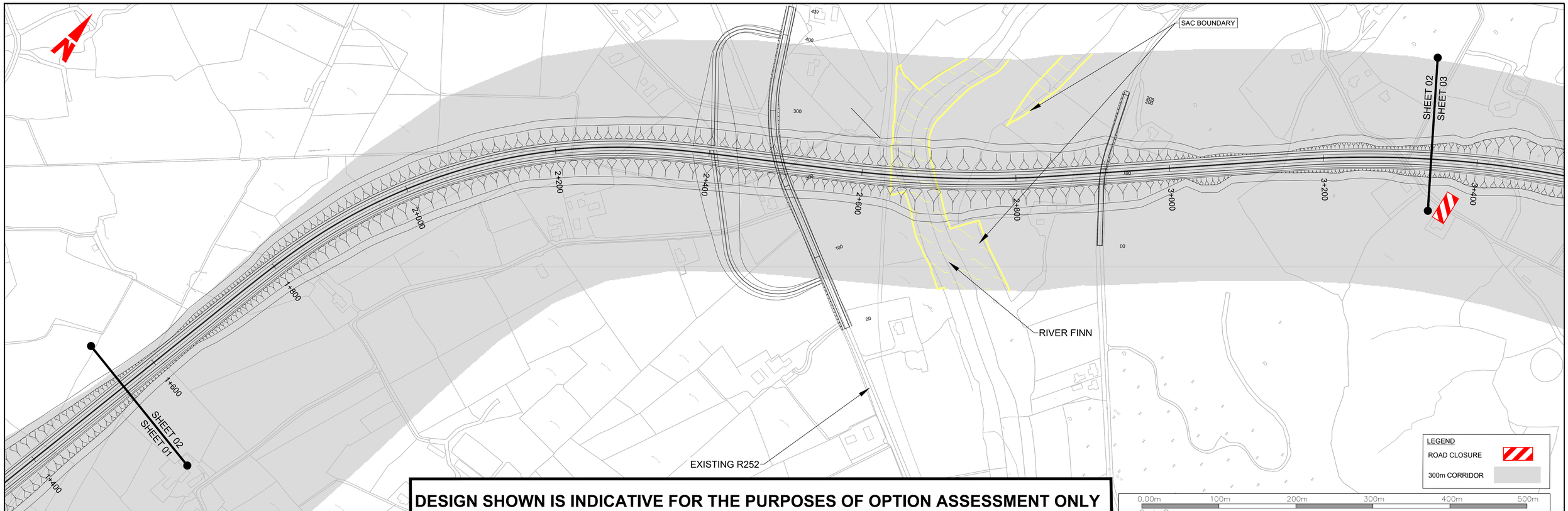

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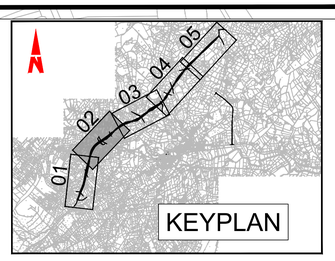
PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



Datum 25.000 m

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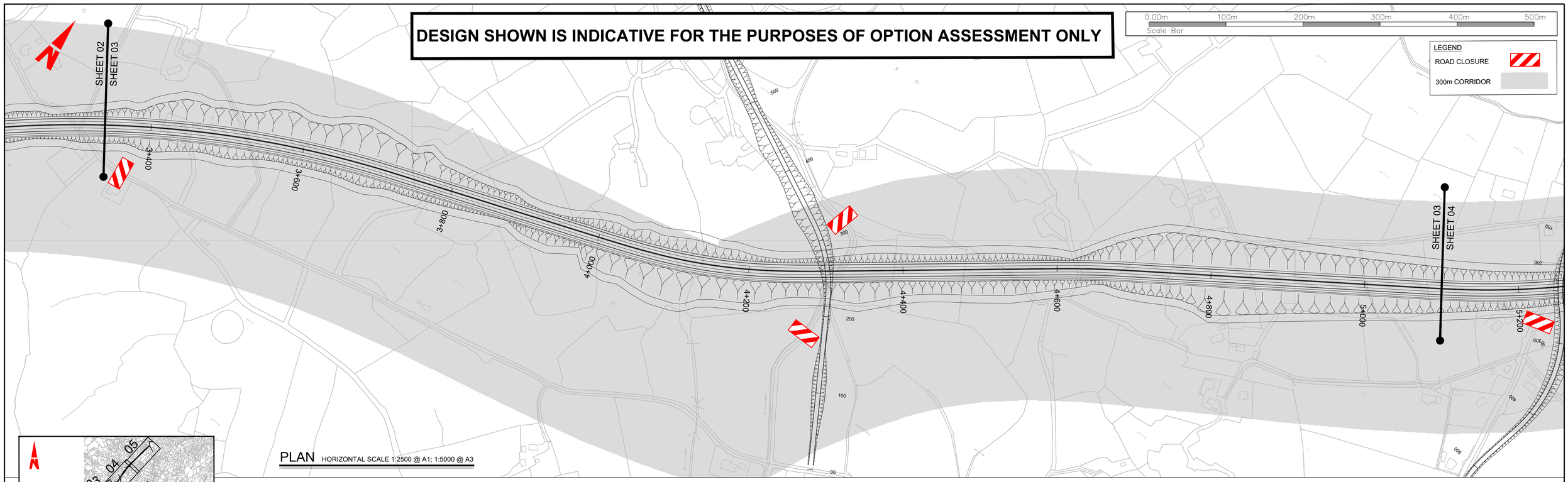
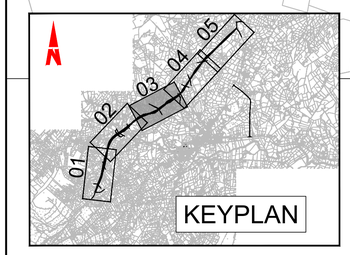
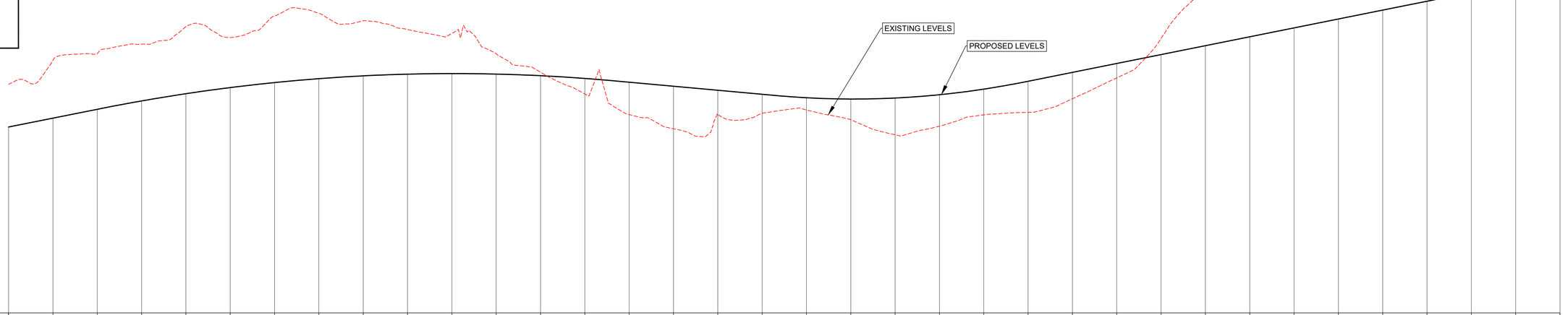


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 25.000 m

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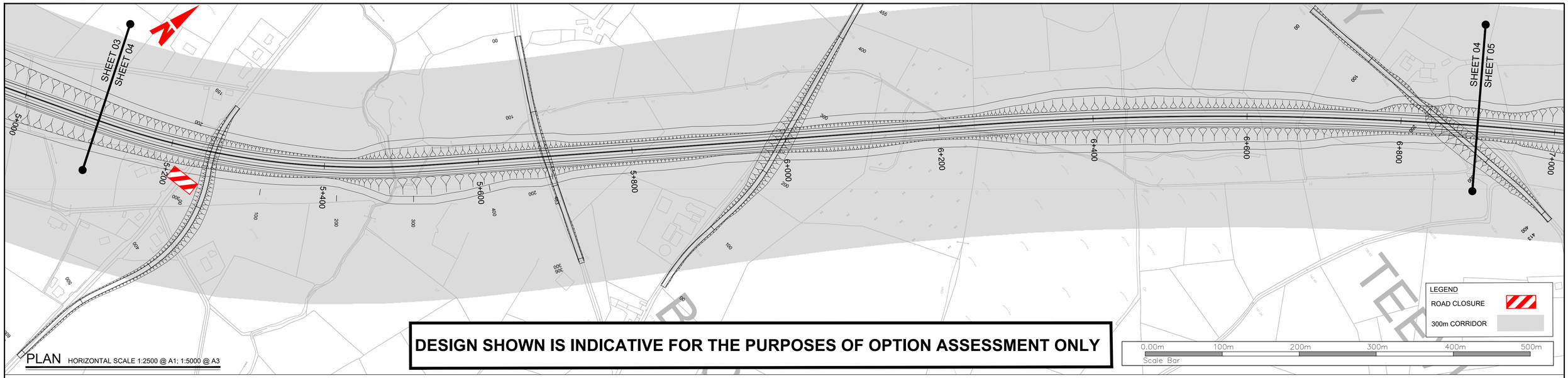
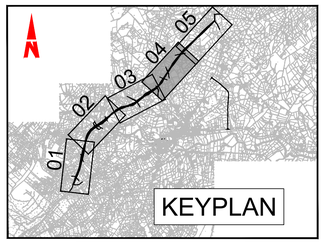
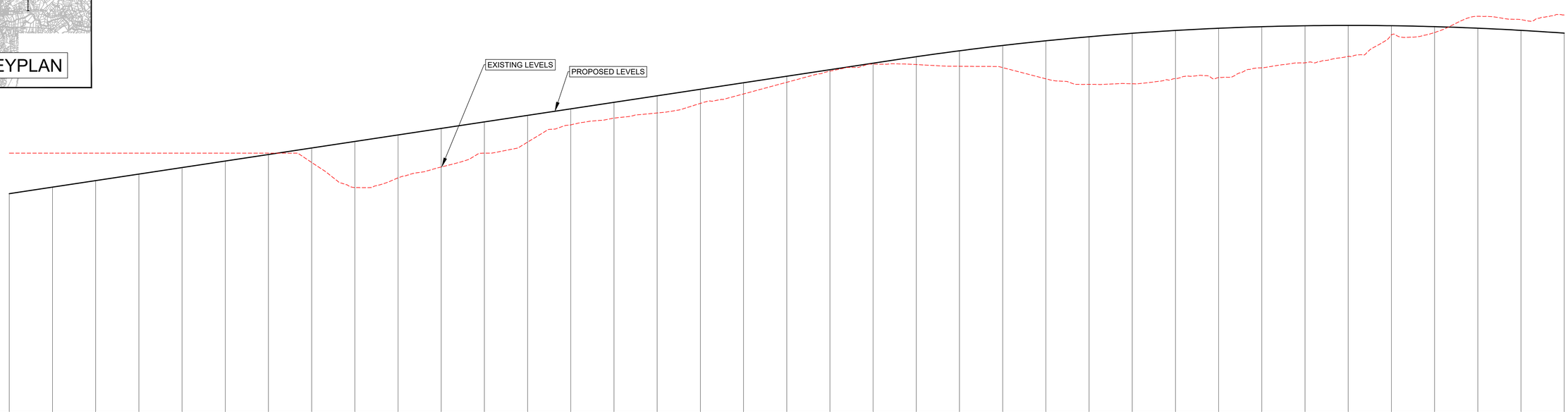


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





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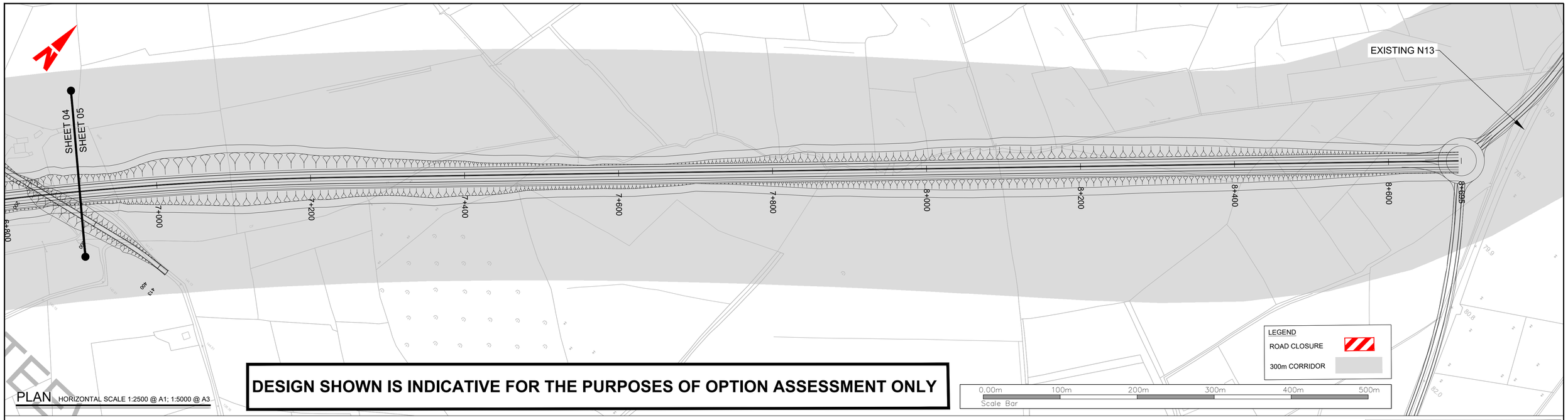
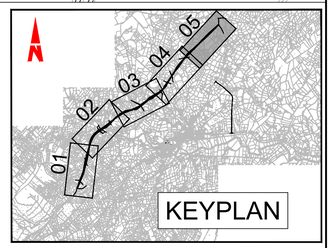


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



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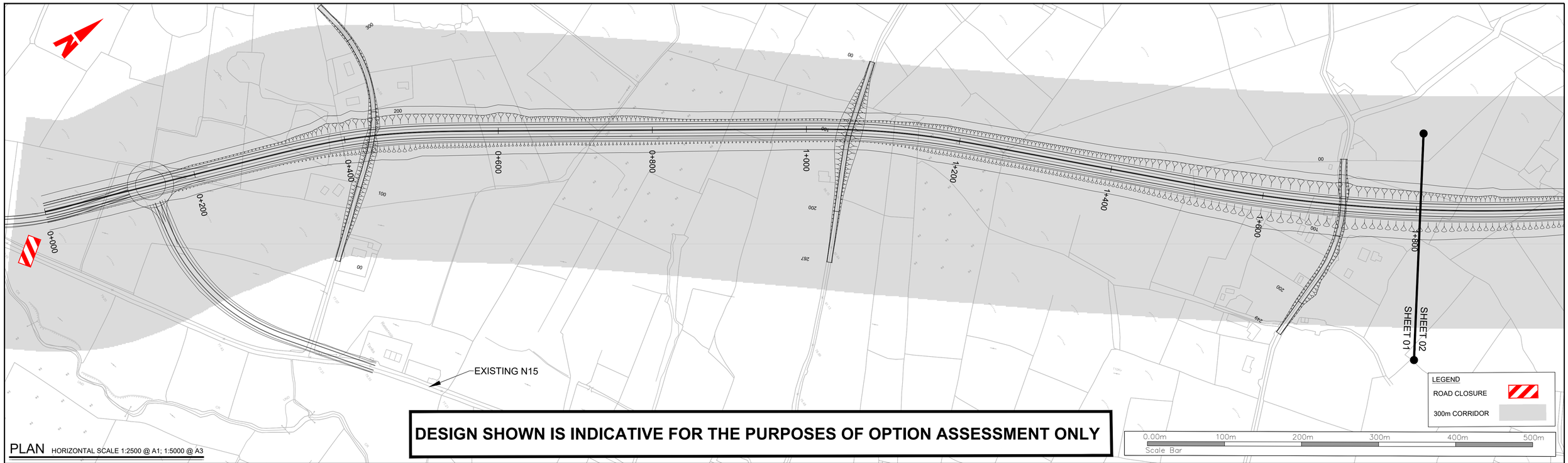
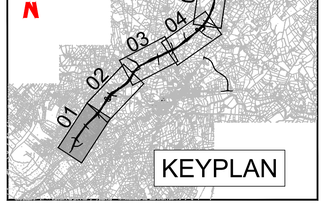
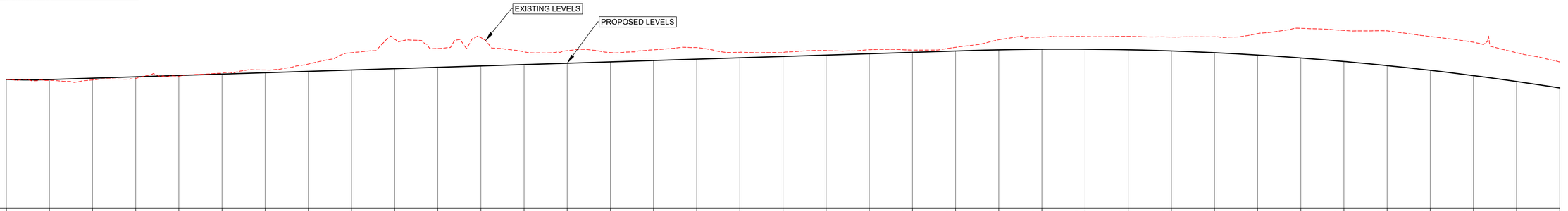


DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 50.000 m

CHAINAGE	00.000	50.000	100.000	150.000	200.000	250.000	300.000	350.000	400.000	450.000	500.000	550.000	600.000	650.000	700.000	750.000	800.000	850.000	900.000	950.000	1000.000	1050.000	1100.000	1150.000	1200.000	1250.000	1300.000	1350.000	1400.000	1450.000	1500.000	1550.000	1600.000	1650.000	1700.000	1750.000	1800.000
EXISTING LEVELS	79.928	79.688	79.813	80.155	80.688	81.420	82.125	83.506	86.109	89.268	87.110	89.626	86.342	86.610	86.171	86.806	87.339	86.239	86.188	86.644	86.834	86.738	87.386	89.155	89.757	89.881	89.931	89.767	89.830	90.589	91.799	91.284	91.201	89.895	88.561	86.134	83.986
PROPOSED LEVELS	79.928	79.917	80.232	80.546	80.861	81.176	81.490	81.805	82.120	82.434	82.749	83.064	83.378	83.693	84.007	84.322	84.637	84.951	85.266	85.581	85.895	86.210	86.524	86.799	86.940	86.944	86.811	86.542	86.135	85.592	84.912	84.095	83.141	82.051	80.823	79.459	77.958
HORIZONTAL GEOMETRY		L =273.390		L: 140.000		R: 720.000 L: 31.806		L: 140.000		L =395.817											L: 69.980	R: 1020.000 L: 123.010			L: 69.980	L =265.113						R: 2040.000 L: 466.184				
VERTICAL GEOMETRY	G =0.572% L =11.312	R =2600.000 L =26.000 L =31.312		G =0.629% L =1068.887																															R =18267.788 K =182.678 L =859.596			

PROFILE
VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

Bonneagar Iompair Éireann
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NOTES

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02.07.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1B PLAN & PROFILE
FIGURE 1B SHEET 1 OF 5

Status: S4

Designed: DC	Date: AUG 18	Model File Identifier:	Rev:
Drawn: LM	Scale @ A1: AS SHOWN	N/A	
Approved: TP	@ A3: AS SHOWN	File Identifier:	P01
Checked: EC	Sheet: 01 of 05	TT_MGT0337-RPS-00-ZZ-DR-D-GE0015-01	

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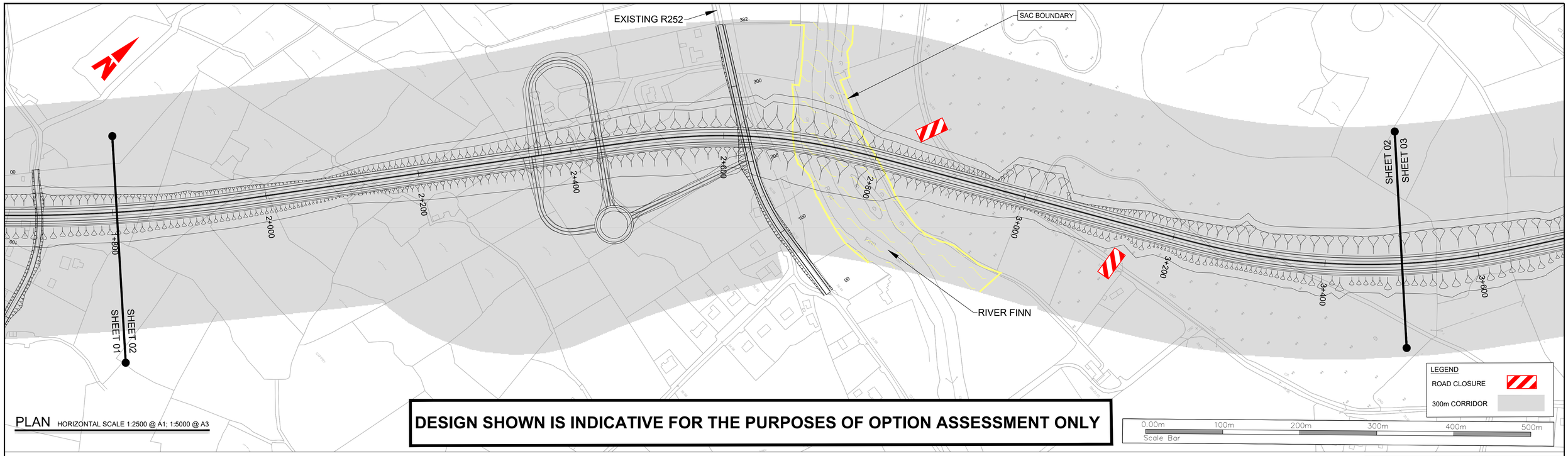
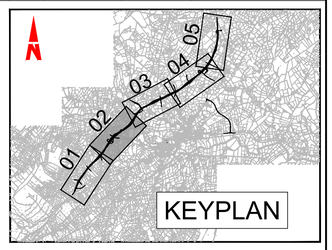
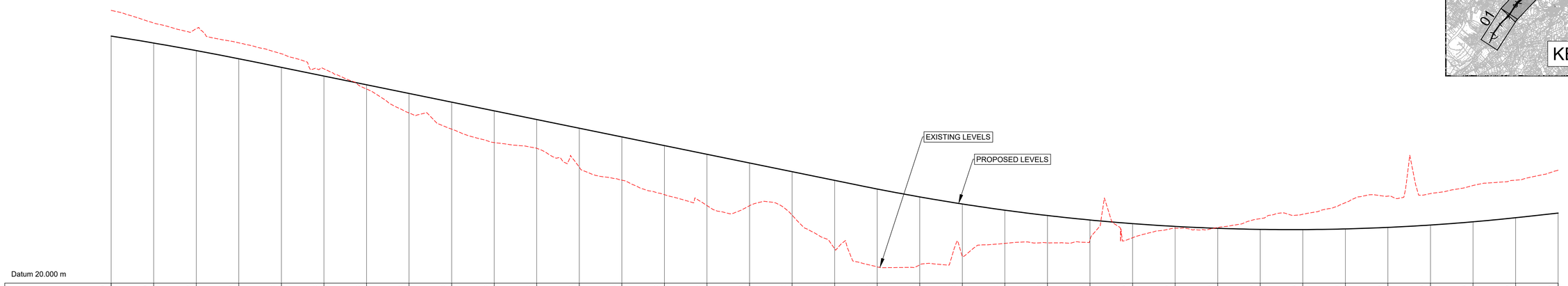


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





Datum 20.000 m

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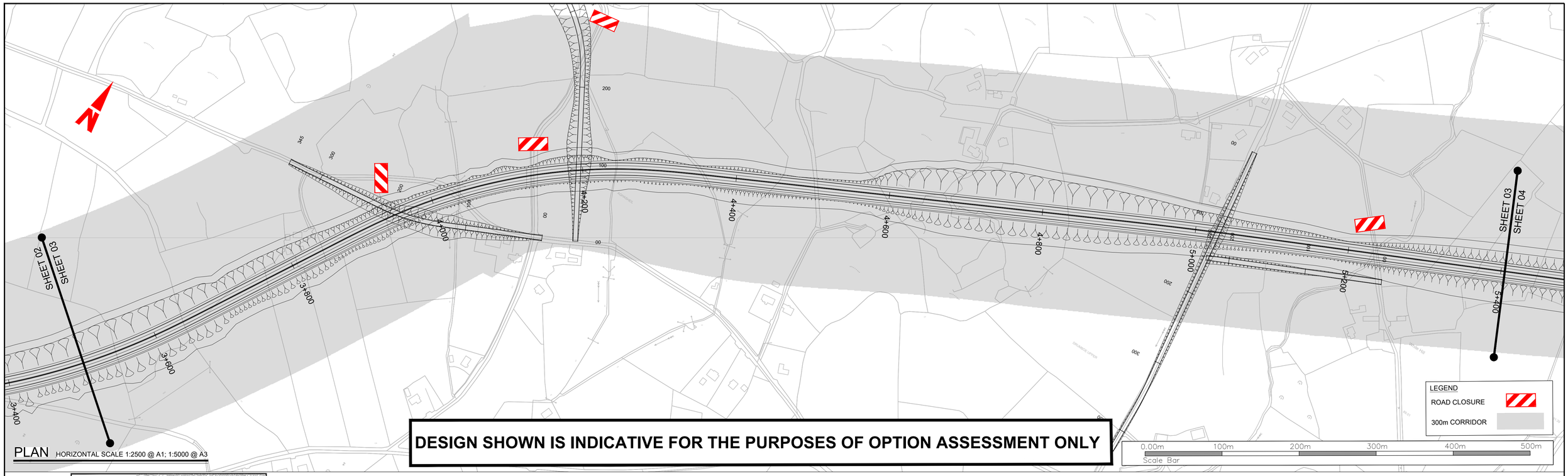
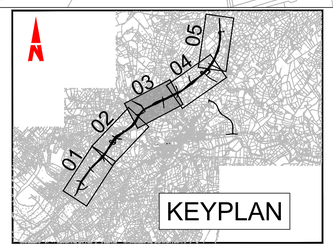
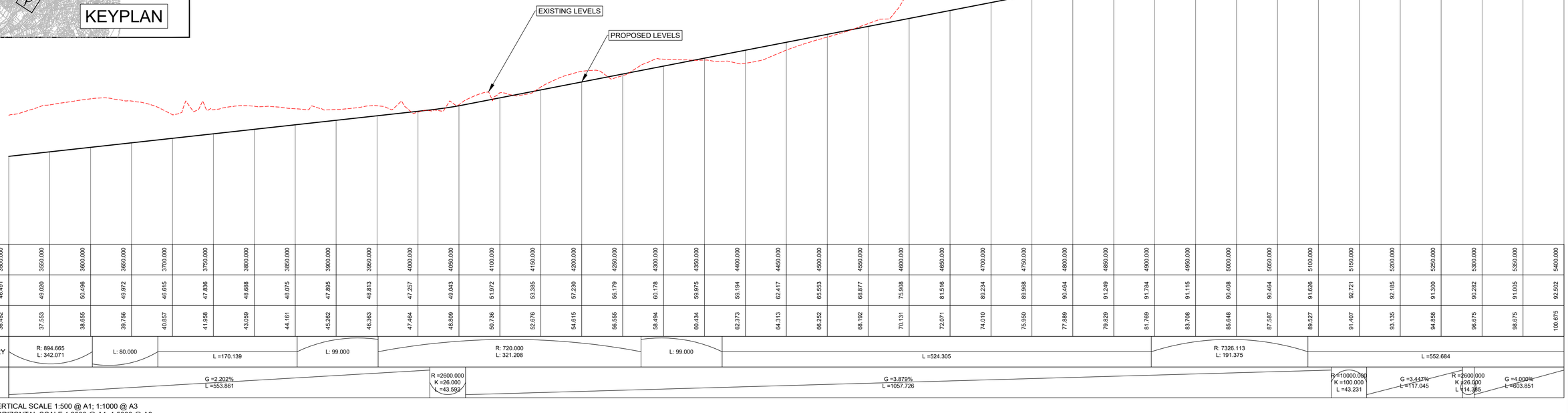


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





Datum 15.000 m

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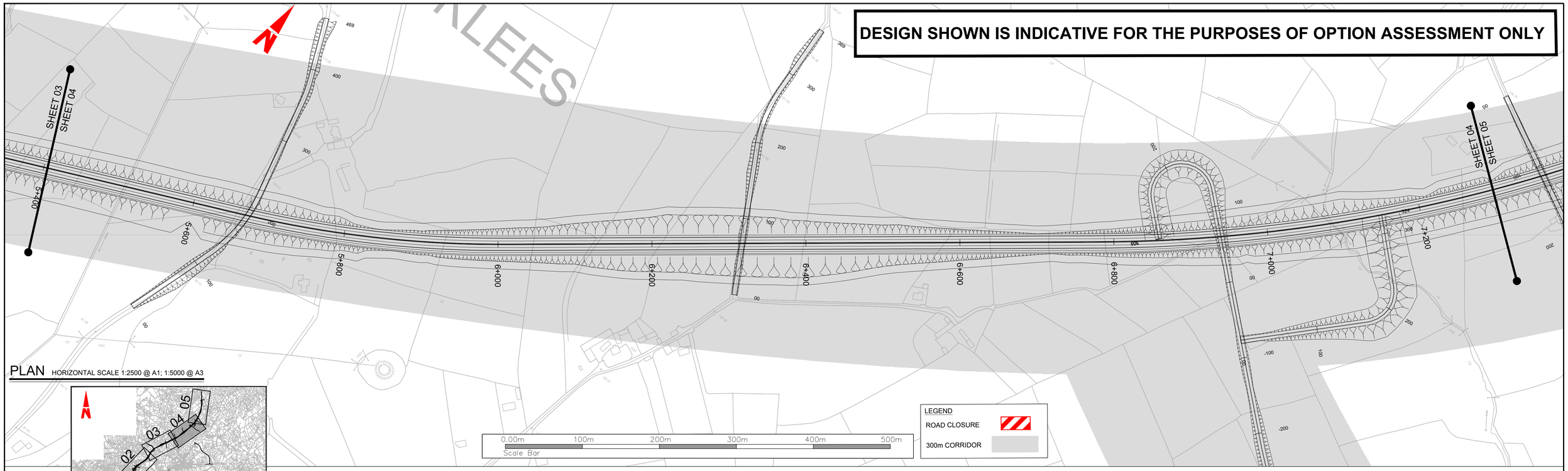
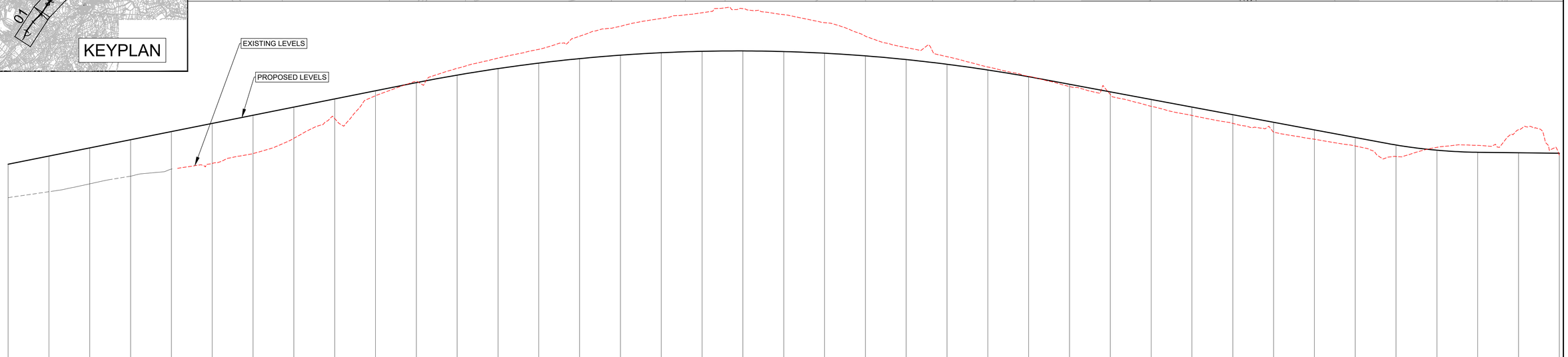
DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



Datum 50.000 m

CHAINAGE	5400.000	5450.000	5500.000	5550.000	5600.000	5650.000	5700.000	5750.000	5800.000	5850.000	5900.000	5950.000	6000.000	6050.000	6100.000	6150.000	6200.000	6250.000	6300.000	6350.000	6400.000	6450.000	6500.000	6550.000	6600.000	6650.000	6700.000	6750.000	6800.000	6850.000	6900.000	6950.000	7000.000	7050.000	7100.000	7150.000	7200.000	7250.000	7300.000
EXISTING LEVELS	92.502	93.950	95.879	97.749	99.488	100.881	103.288	107.046	111.853	117.463	121.030	124.185	126.691	128.832	132.047	134.488	136.409	137.798	138.803	137.327	135.377	132.062	129.266	127.042	124.499	122.231	119.717	117.785	114.869	112.641	110.700	108.562	106.810	105.148	102.572	104.821	105.304	109.166	102.885
PROPOSED LEVELS	100.675	102.675	104.675	106.675	108.675	110.675	112.675	114.675	116.675	118.675	120.673	122.519	124.115	125.462	126.558	127.404	128.000	128.347	128.443	128.289	127.885	127.232	126.328	125.174	123.770	122.117	120.268	118.405	116.541	114.678	112.815	110.952	109.089	107.226	105.393	104.123	103.612	103.495	103.379
HORIZONTAL GEOMETRY	L =552.684	L: 49.570	R: 1440.000 L: 292.441	L: 49.570	L =729.612	L: 35.000	R: 2040.000 L: 1881.491																																
VERTICAL GEOMETRY	G =4.000% L =603.851	R =10000.000 K =100.000 L =772.626	G =-3.726% L =419.077	R =3292.378 K =32.924 L =115.026	G =-0.233% L =747.929																																

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

R:\MGT0337 - Ten-T Priority Route Imp - Donegal\8.0 Drawings\GE\TT_MGT0337-RPS-00-ZZ-DR-D-GE0015_Pink Route Section 1 2500.dwg

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NOTES

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02.07.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1B PLAN & PROFILE
FIGURE 1B SHEET 4 OF 5

Status: S4

Designed: DC	Date: AUG 18	Model File Identifier:	Rev:
Drawn: LM	Scale @ A1: AS SHOWN	N/A	P01
Approved: TP	@ A3: AS SHOWN	File Identifier:	
Checked: EC	Sheet: 04 of 05	TT_MGT0337-RPS-00-ZZ-DR-D-GE0015-04	

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DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

0.00m 100m 200m 300m 400m 500m
Scale Bar

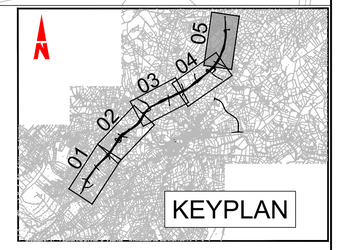
LEGEND
ROAD CLOSURE
300m CORRIDOR

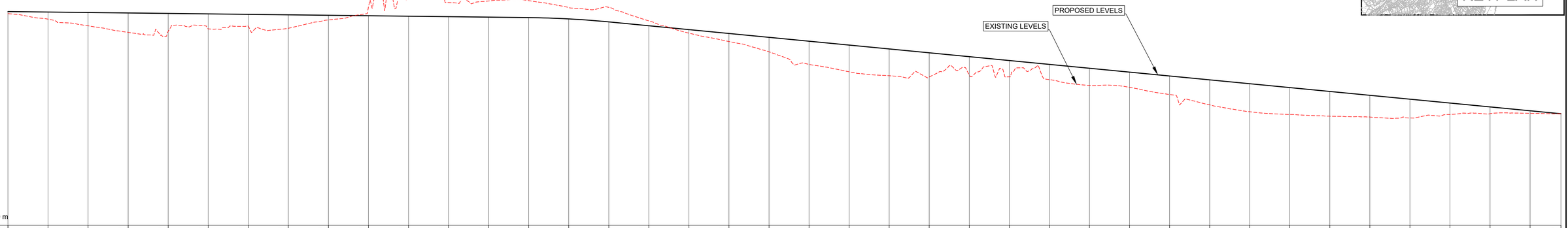
SHEET 04
SHEET 05

7+200 7+400 7+600 7+800 8+000 8+200 8+400 8+600 8+800 9+000 9+200 9+239

EXISTING N13

PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 50.000 m

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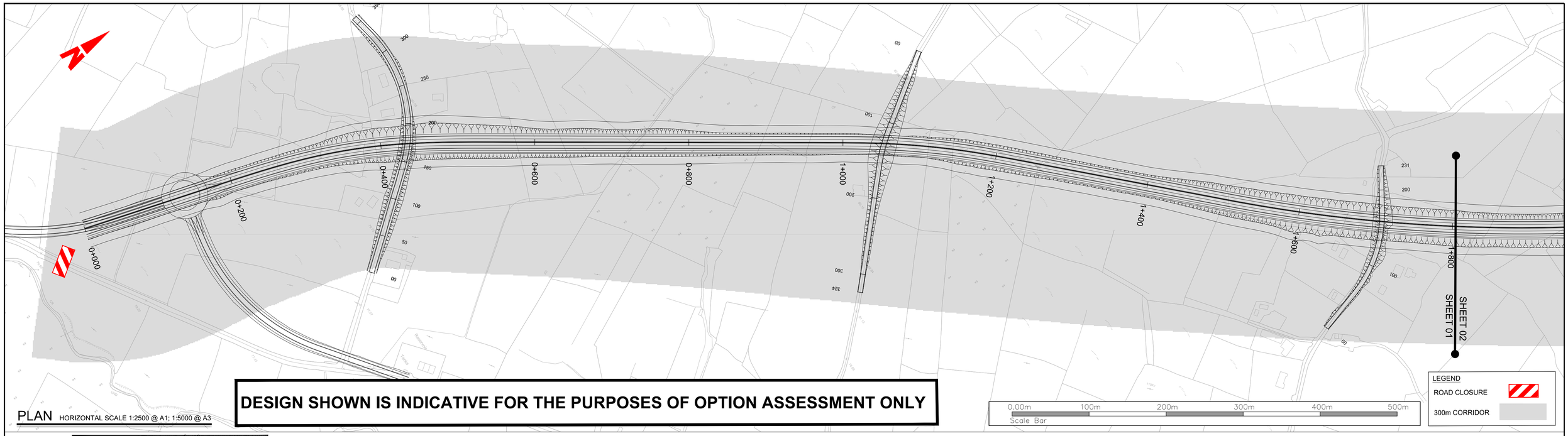
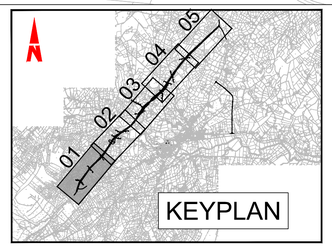
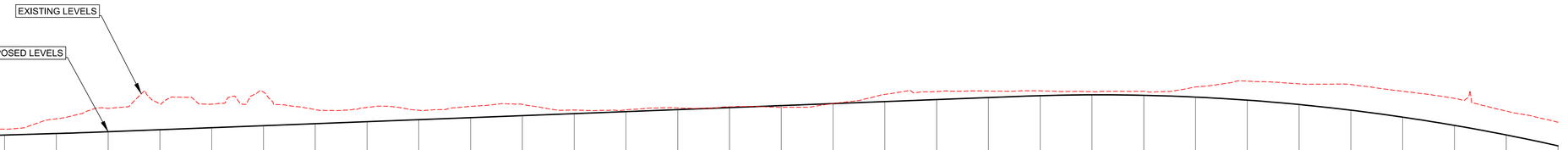


DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 50.000 m

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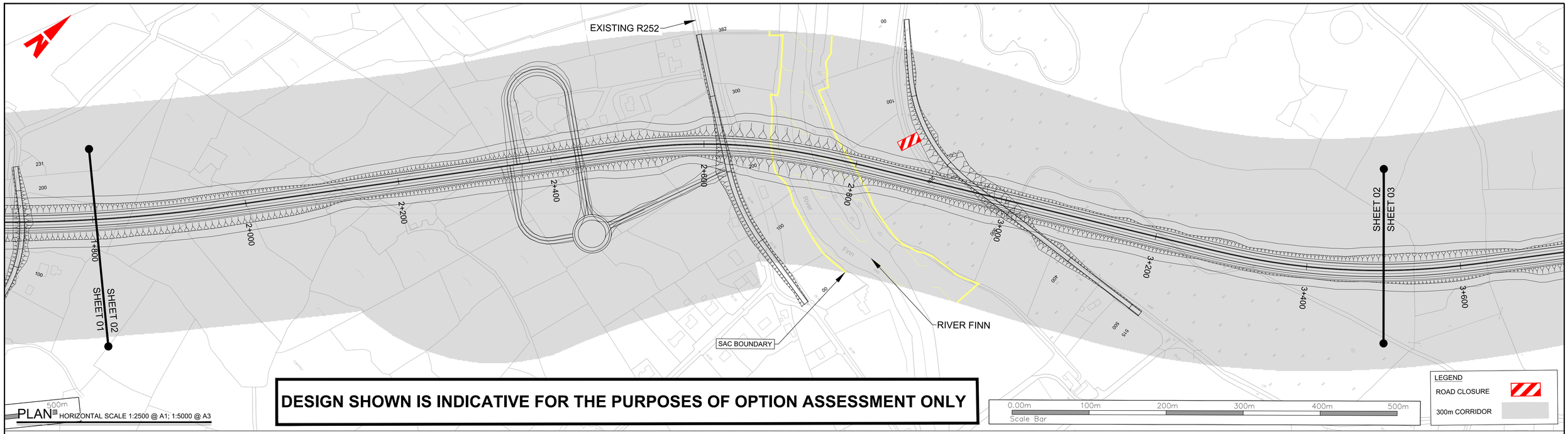
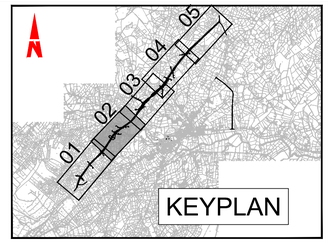
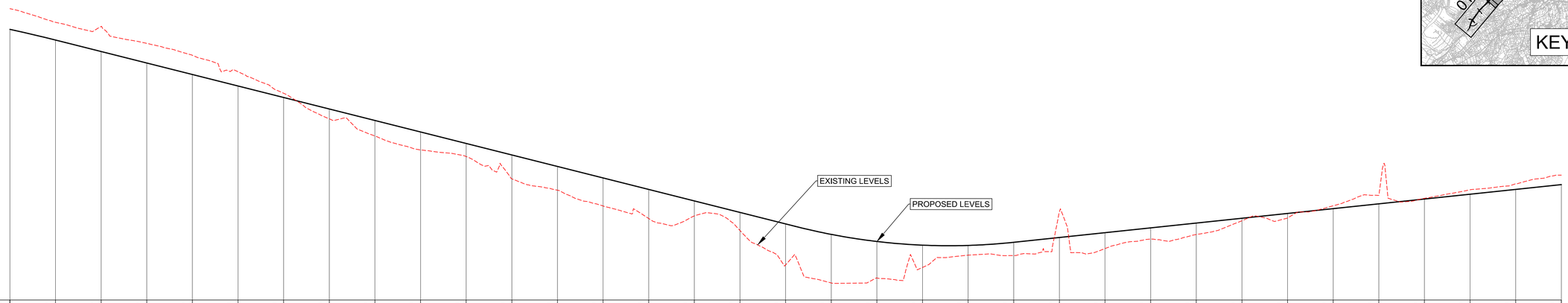


DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

PLAN 1:2500 @ A1; 1:5000 @ A3





Datum 20.000 m

CHAINAGE	1800.000	1850.000	1900.000	1950.000	2000.000	2050.000	2100.000	2150.000	2200.000	2250.000	2300.000	2350.000	2400.000	2450.000	2500.000	2550.000	2600.000	2650.000	2700.000	2750.000	2800.000	2850.000	2900.000	2950.000	3000.000	3050.000	3100.000	3150.000	3200.000	3250.000	3300.000	3350.000	3400.000	3450.000	3500.000
EXISTING LEVELS	83.870	80.874	79.950	76.256	73.638	70.034	68.319	59.721	55.951	52.900	51.446	46.661	44.062	40.608	37.869	38.414	35.227	27.691	23.724	24.823	27.139	29.829	29.744	39.299	31.274	33.337	34.353	37.369	37.992	40.649	42.932	42.291	44.158	45.465	47.361
PROPOSED LEVELS	79.332	76.992	74.478	71.957	69.437	66.917	64.396	61.876	59.355	56.835	54.314	51.794	49.273	46.753	44.232	41.712	39.191	36.671	34.384	32.828	32.020	31.960	32.647	33.701	34.755	35.809	36.863	37.918	38.972	40.026	41.080	42.134	43.188	44.242	45.296
HORIZONTAL GEOMETRY		R: 2040.000 L: 466.184			L =455.904										L: 140.000		R: 720.000 L: 134.108		L: 140.000			L =398.438							L: 80.000		R: 894.665 L: 252.100			
VERTICAL GEOMETRY		R =10000.000 K =100.000 L =581.370			G =-5.041% L =799.395															R =3343.230 K =33.432 L =239.011		G =2.108% L =808.935												

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1C PLAN & PROFILE
FIGURE 1C SHEET 2 OF 5

Status: S4

Designed: DC	Date: AUG 18	Model File Identifier: N/A	Rev: P01
Drawn: LM	Scale @ A1: AS SHOWN		
Approved: TP	@ A3: AS SHOWN	File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0016-02	
Checked: EC	Sheet: 02 of 05		

R:\MGT0337 - Ten-T Priority Route Imp - Donegal\8.0 Drawings\GE\TT_MGT0337-RPS-00-ZZ-DR-D-GE0016_Purple Route Section 1 2500.dwg

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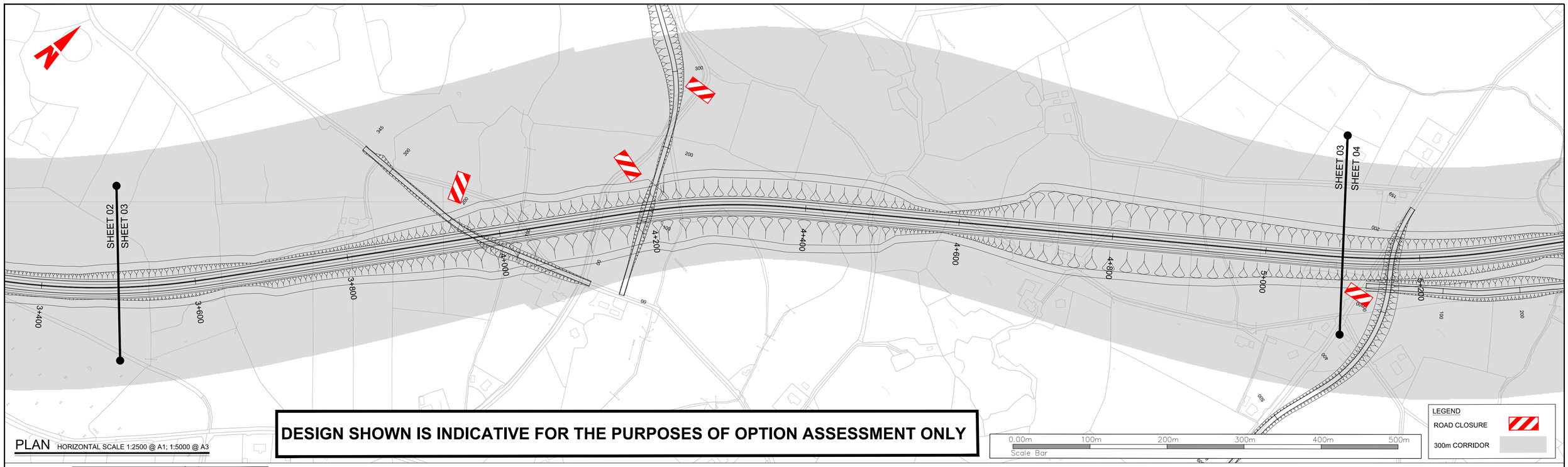
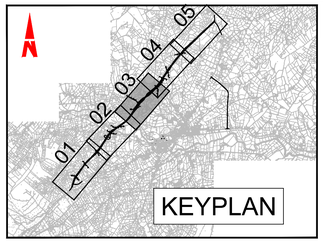
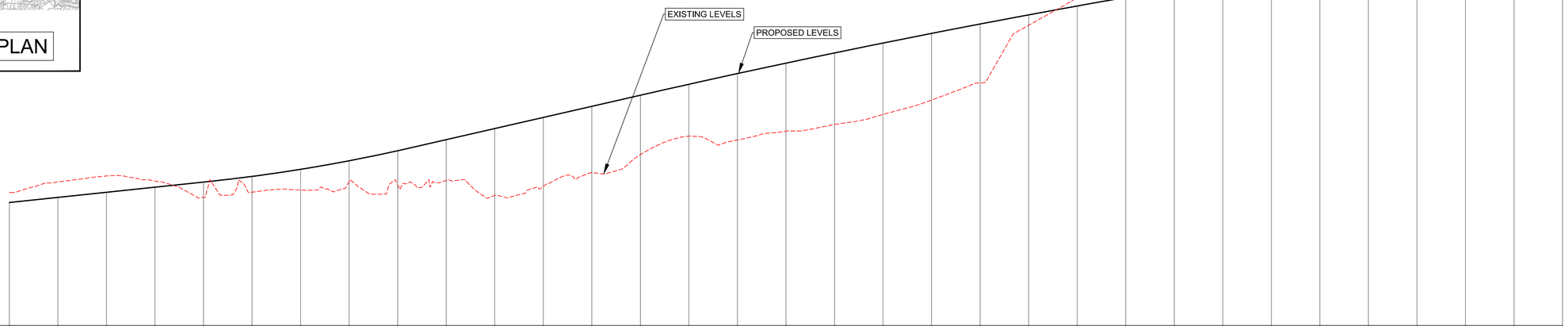


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





Datum 20.000 m

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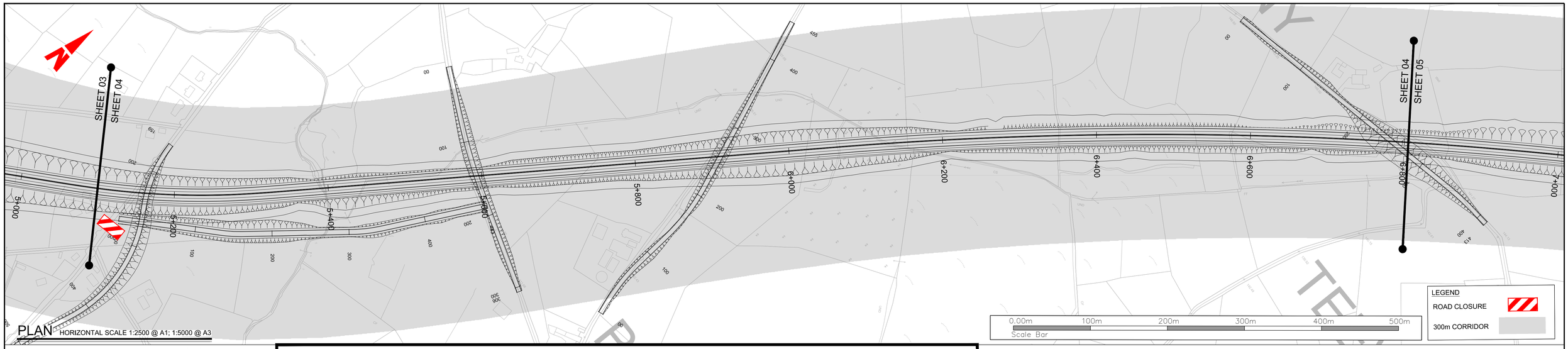
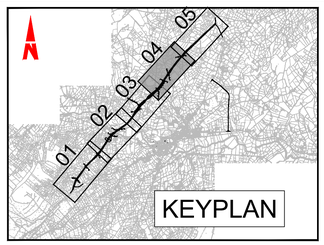
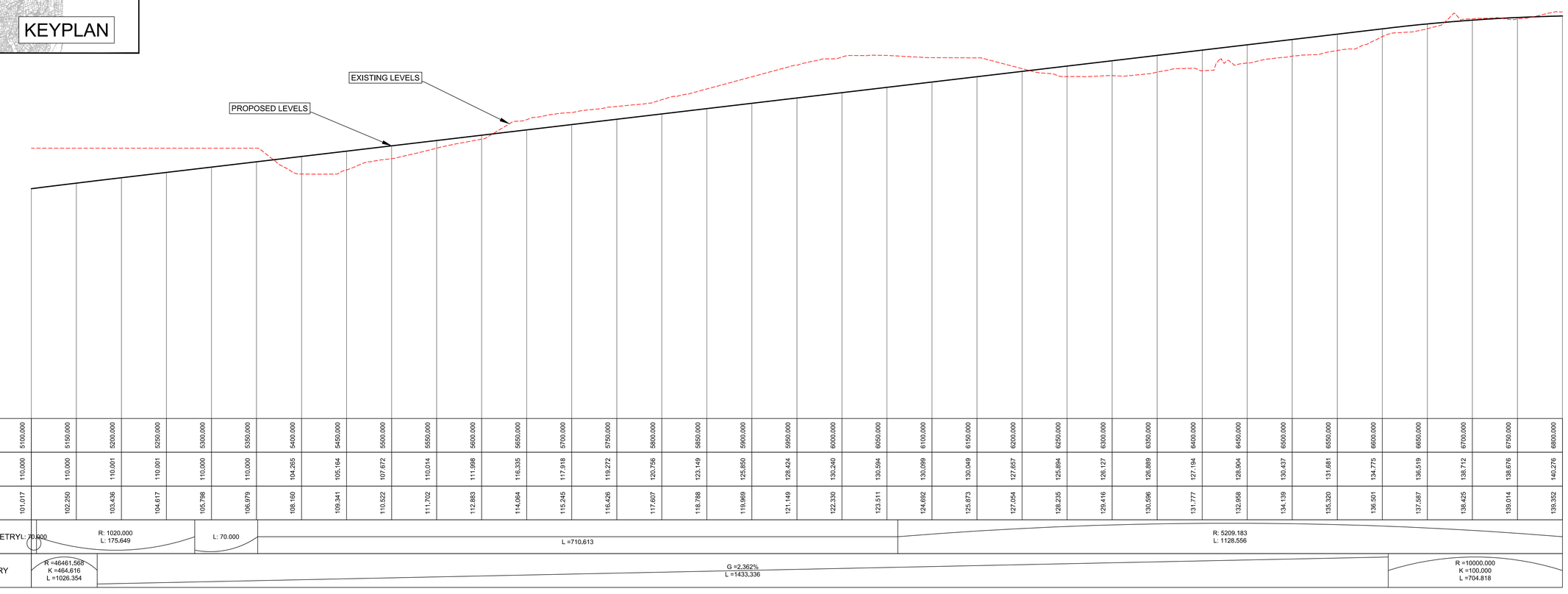


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



Datum 50.000 m

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EXISTING LEVELS	110.000	110.000	110.001	110.001	110.000	110.000	104.265	105.164	107.672	110.014	111.998	116.335	117.918	119.272	120.756	123.149	125.850	128.424	130.240	130.594	130.099	130.049	127.657	125.894	126.127	126.889	127.194	128.904	130.437	131.681	134.775	136.519	138.712	138.676	140.276
PROPOSED LEVELS	101.017	102.250	103.436	104.617	105.798	106.979	108.160	109.341	110.522	111.702	112.883	114.064	115.245	116.426	117.607	118.788	119.969	121.149	122.330	123.511	124.692	125.873	127.054	128.235	129.416	130.596	131.777	132.958	134.139	135.320	136.501	137.587	138.425	139.014	139.352
HORIZONTAL GEOMETRY	L: 70.000	R: 1020.000 L: 175.649			L: 70.000		L =710,613																R: 5209.183 L: 1128.556												
VERTICAL GEOMETRY	R =46461.568 K =464,616 L =1026.354				G =2.362% L =1433,336																												R =10000.000 K =100,000 L =704.818		

PROFILE
VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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NOTES

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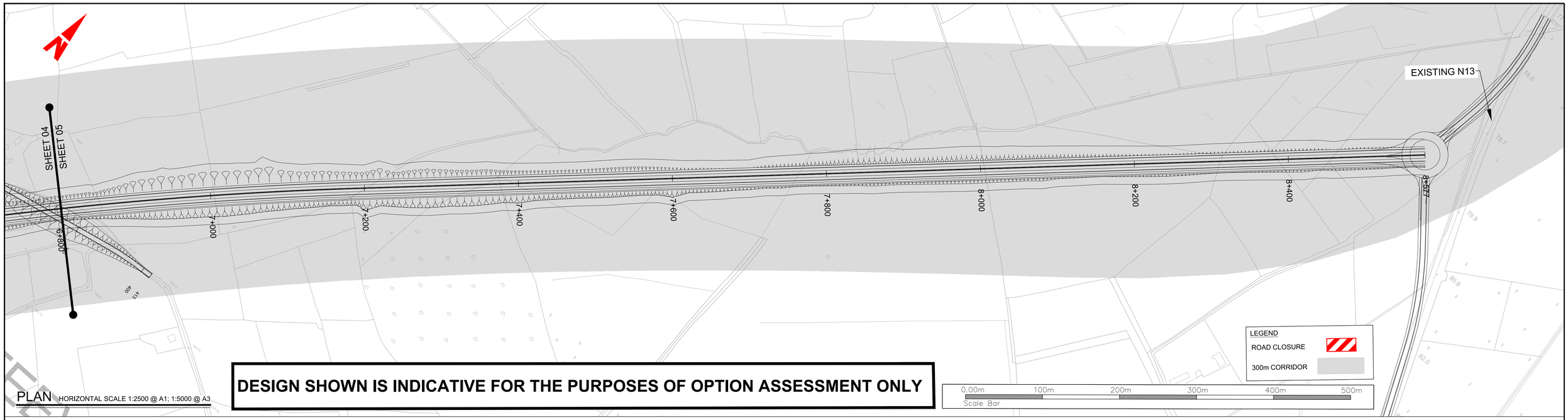
Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1C PLAN & PROFILE
FIGURE 1C SHEET 4 OF 5

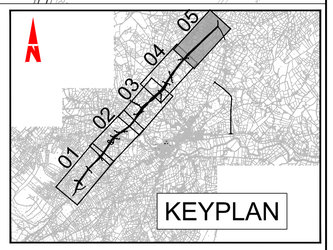
Status: S4

Designed: DC	Date: AUG 18	Model File Identifier: N/A	Rev: P01
Drawn: LM	Scale @ A1: AS SHOWN		
Approved: TP	@ A3: AS SHOWN	File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0016-04	
Checked: EC	Sheet: 04 of 05		



PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



Datum 50.000 m

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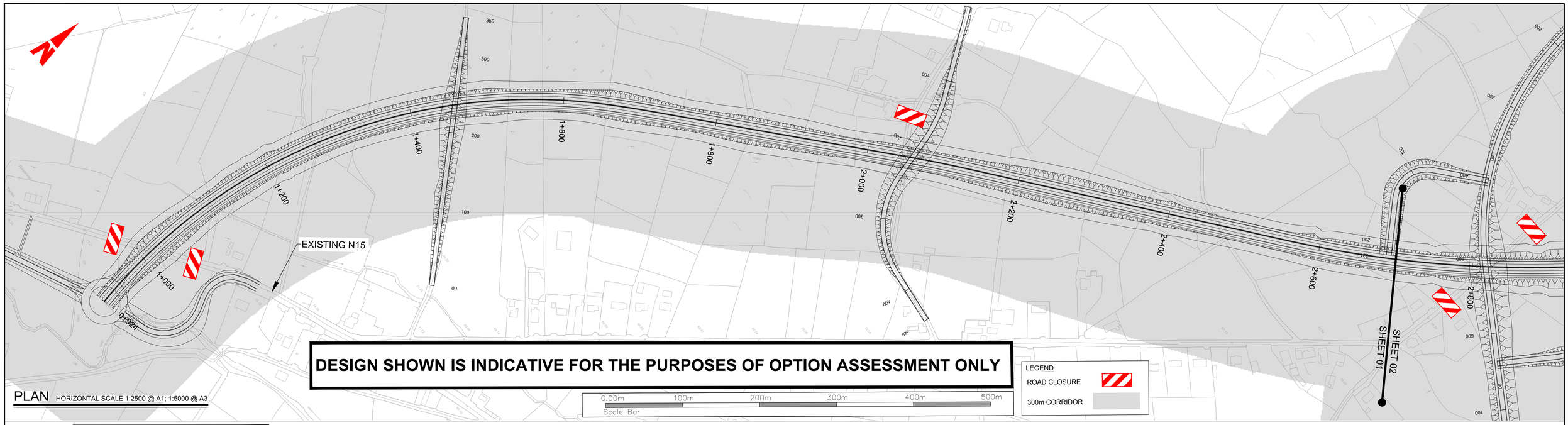
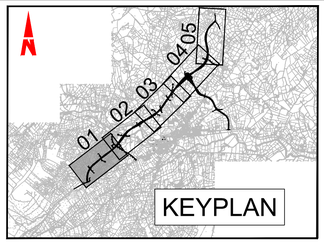
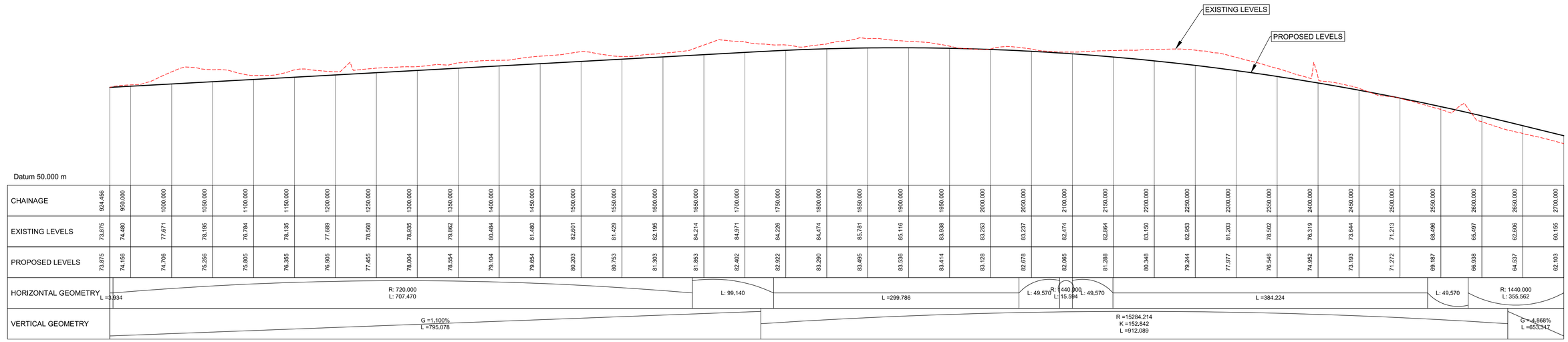


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





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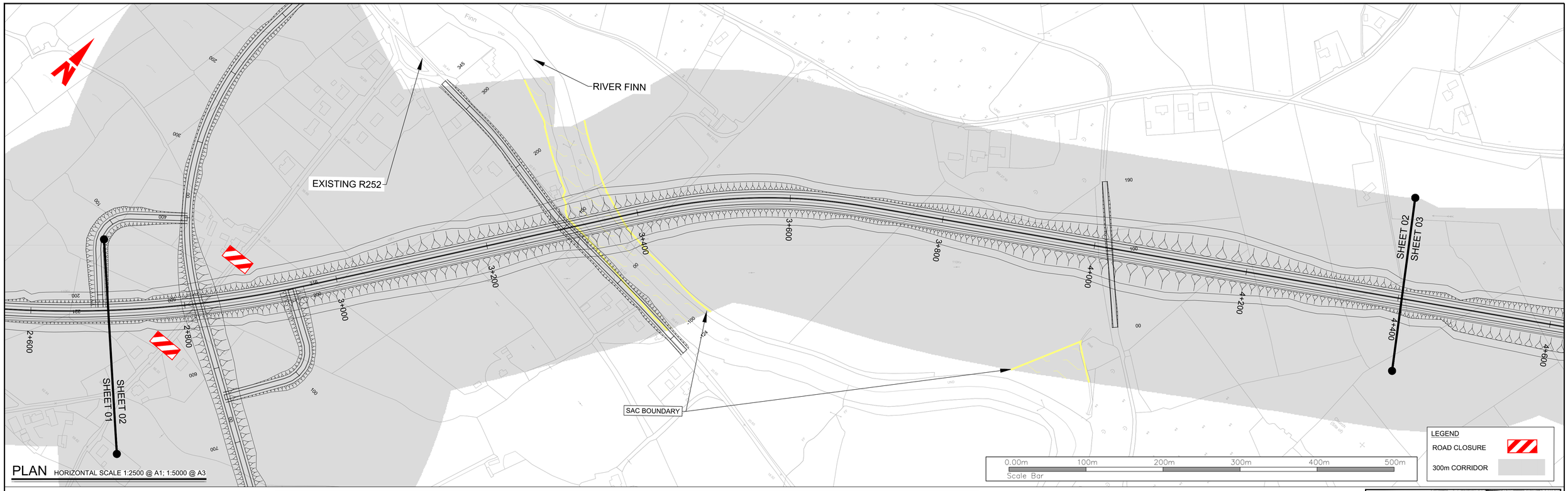
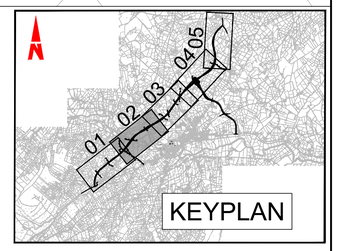
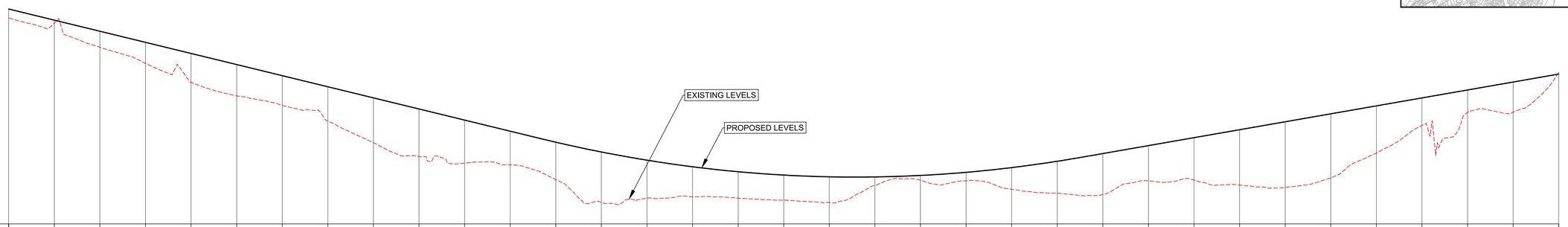


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





Datum 15.000 m

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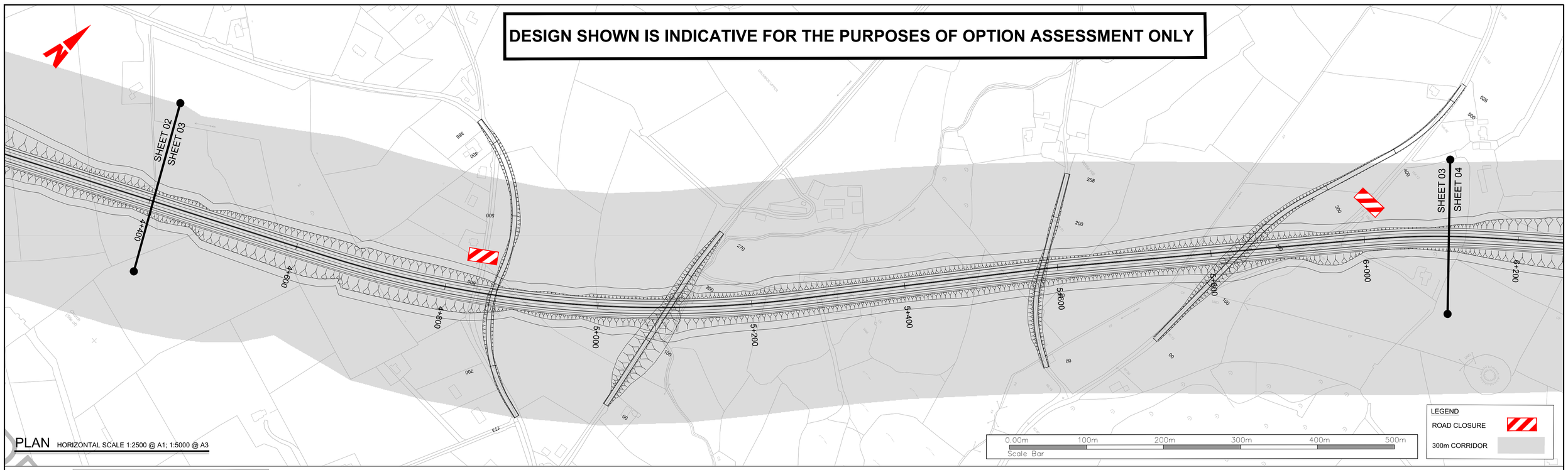
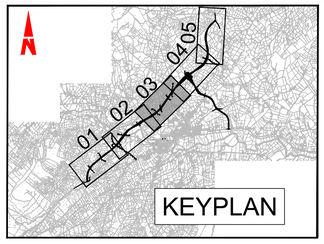
DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



Datum 25.000 m

CHAINAGE	4400.000	4450.000	4500.000	4550.000	4600.000	4650.000	4700.000	4750.000	4800.000	4850.000	4900.000	4950.000	5000.000	5050.000	5100.000	5150.000	5200.000	5250.000	5300.000	5350.000	5400.000	5450.000	5500.000	5550.000	5600.000	5650.000	5700.000	5750.000	5800.000	5850.000	5900.000	5950.000	6000.000	6050.000	6100.000
EXISTING LEVELS	48.216	53.720	56.001	58.205	61.026	64.203	66.506	68.291	69.364	67.943	63.720	66.519	65.609	67.698	69.326	69.636	71.502	72.264	75.000	77.422	79.285	79.820	82.090	84.676	86.772	89.421	89.975	90.013	90.007	91.980	96.417	101.628	102.225	104.411	108.163
PROPOSED LEVELS	47.846	49.588	51.330	53.072	54.814	56.556	58.298	60.040	61.782	63.524	65.266	67.009	68.751	70.493	72.235	73.977	75.719	77.461	79.203	80.945	82.687	84.429	86.171	87.913	89.655	91.398	93.140	94.882	96.624	98.366	100.108	101.850	103.592	105.334	107.076
HORIZONTAL GEOMETRY	L =870.783					L: 49.570		R: 1440.000 L: 569.865										L: 49.570		L =268.122				R: 2040.000 L: 66.360	L =350.243								L: 69.980		R: 1020.000 L: 92.053
VERTICAL GEOMETRY	G =3.484% L =2346.174																																		

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Transport Infrastructure Ireland

Comhairle Contae Dhún na nGall
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1D PLAN & PROFILE
FIGURE 1D SHEET 3 OF 5

Status: S4

Designed: DC | Date: AUG 18 | Model File Identifier: N/A
Drawn: LM | Scale @ A1: AS SHOWN | @ A3: AS SHOWN
Approved: TP | File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0017-03
Checked: EC | Sheet: 03 of 05

Rev: P01

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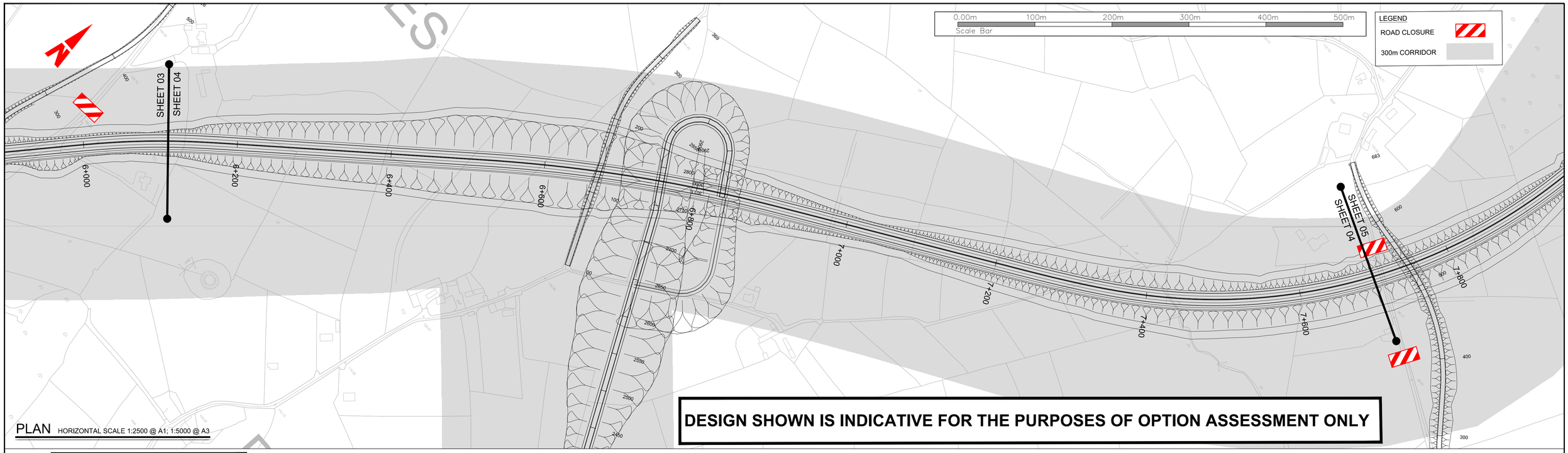
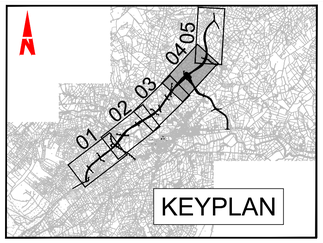
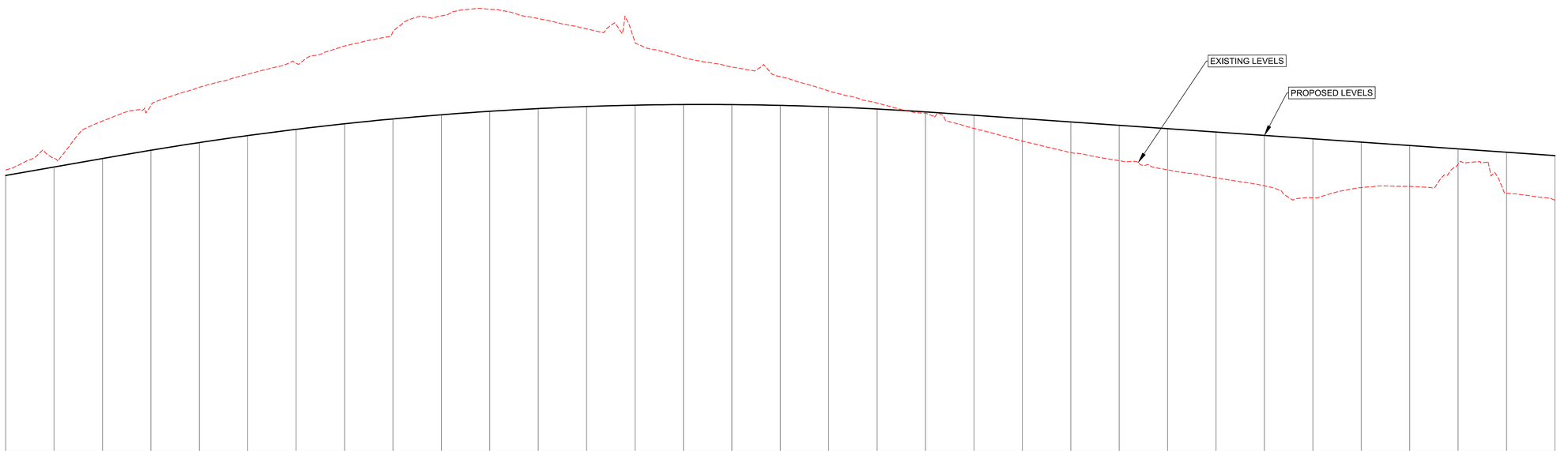


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





Datum 50.000 m

CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
6100.000	108.163	107.076
6150.000	110.607	108.818
6200.000	118.322	110.560
6250.000	121.519	112.278
6300.000	125.293	113.863
6350.000	127.974	115.302
6400.000	130.252	116.597
6450.000	133.818	117.746
6500.000	136.805	118.749
6550.000	140.043	119.608
6600.000	141.393	120.321
6650.000	139.494	120.888
6700.000	137.353	121.311
6750.000	134.543	121.588
6800.000	131.418	121.719
6850.000	129.485	121.706
6900.000	127.474	121.547
6950.000	124.533	121.242
7000.000	122.031	120.793
7050.000	119.917	120.198
7100.000	116.785	119.506
7150.000	114.159	118.812
7200.000	111.800	118.118
7250.000	110.123	117.424
7300.000	108.225	116.730
7350.000	106.606	116.036
7400.000	104.917	115.342
7450.000	102.456	114.648
7500.000	104.567	113.954
7550.000	104.814	113.260
7600.000	109.388	112.566
7650.000	103.375	111.872
7700.000	101.969	111.178

HORIZONTAL GEOMETRY: R: 1020.000 L: 92.053 | L: 69.980 | L =321.979 | R: 2040.000 L: 384.604 | L =303.031 | L: 198.270 | R: 720.000 L: 648.400

VERTICAL GEOMETRY: G =3.484% L =2346.174 | R =17201.917 K =172.019 L =838.094 | G =-1.388% L =1324.705

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

R:\MGT0337 - Ten-T Priority Route Imp - Donegal\8.0 Drawings\GE\TT_MGT0337-RPS-00-ZZ-DR-D-GE0017_Red Route Section 1 2500.dwg

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title:
TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1D PLAN & PROFILE
FIGURE 1D SHEET 4 OF 5

Status: S4

Designed: DC	Date: AUG 18	Model File Identifier: N/A	Rev: P01
Drawn: LM	Scale @ A1: AS SHOWN		
Approved: TP	@ A3: AS SHOWN	File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0017-04	
Checked: EC	Sheet: 04 of 05		

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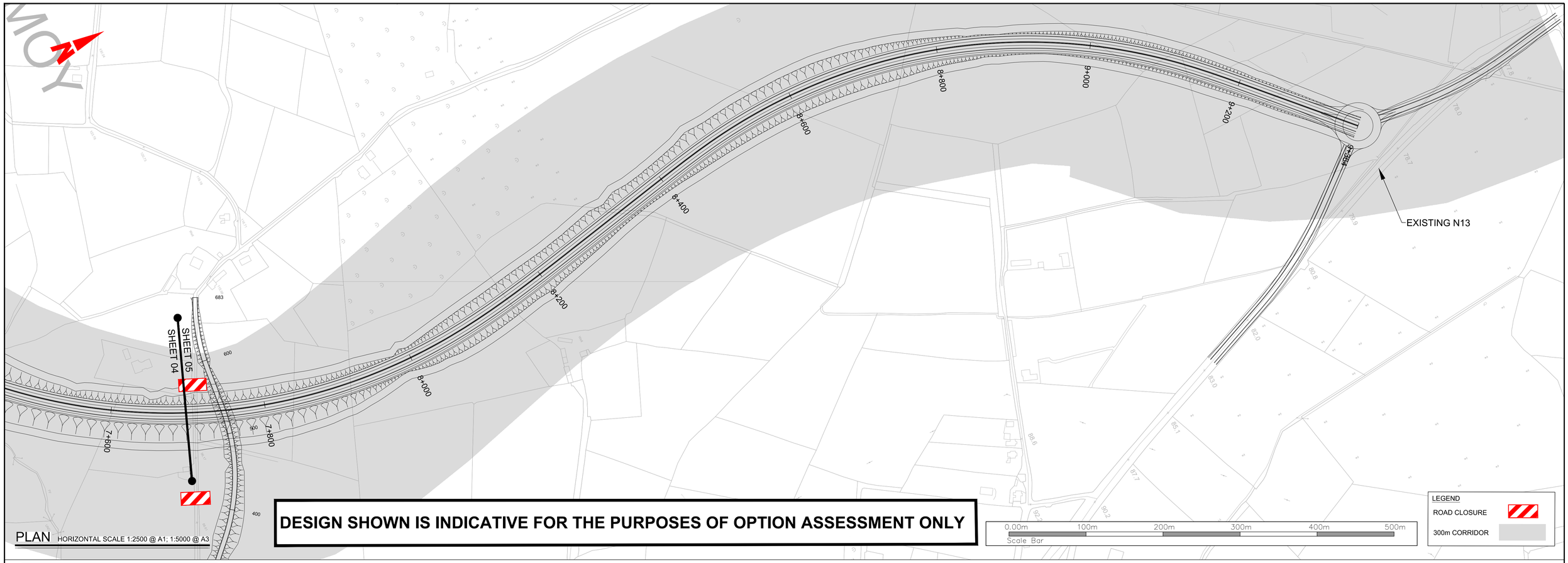
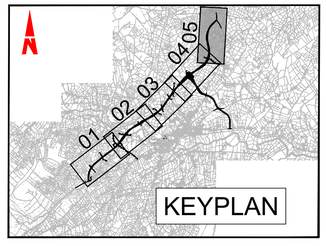
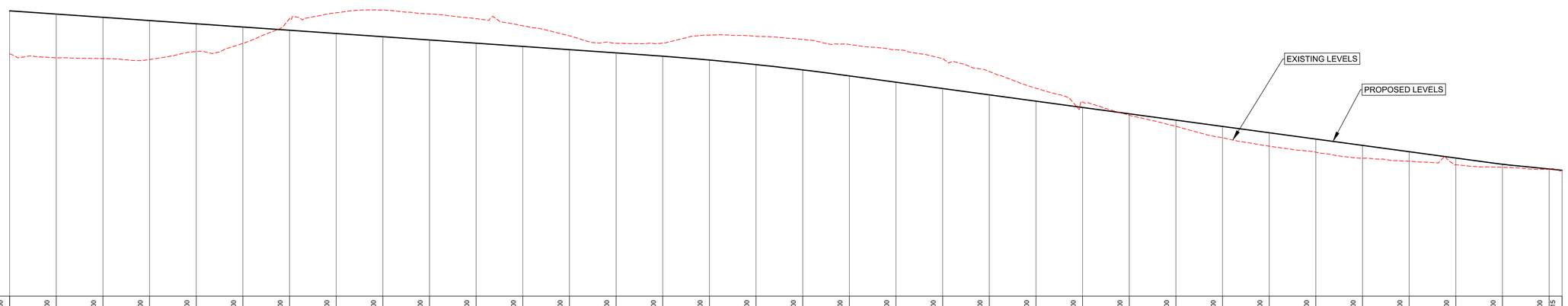


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 50.000 m

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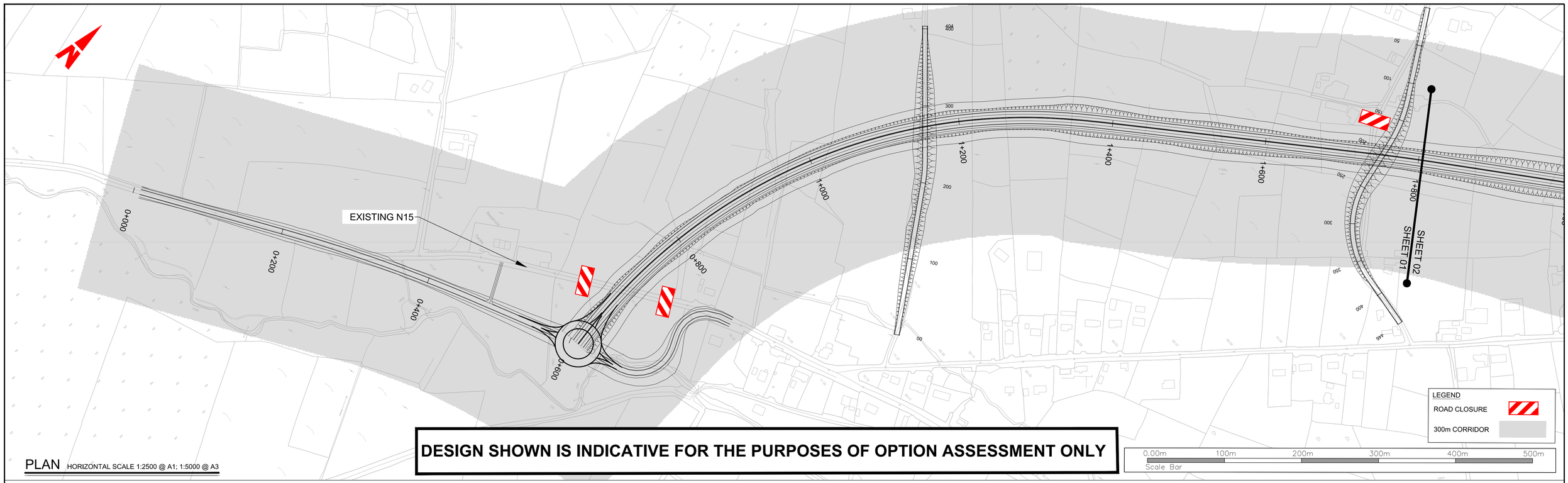
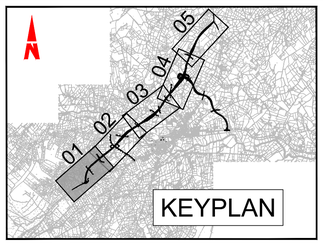
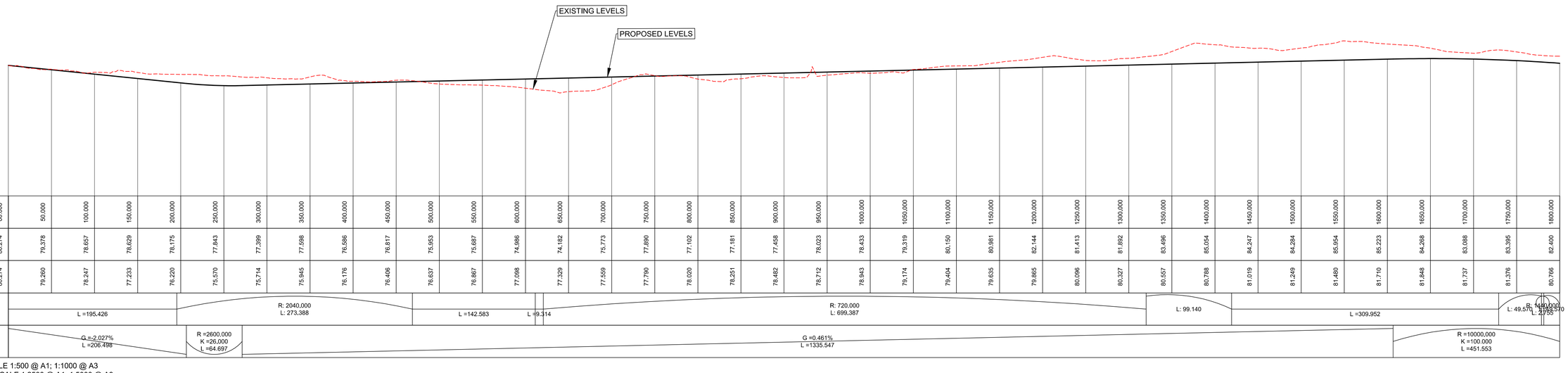


DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

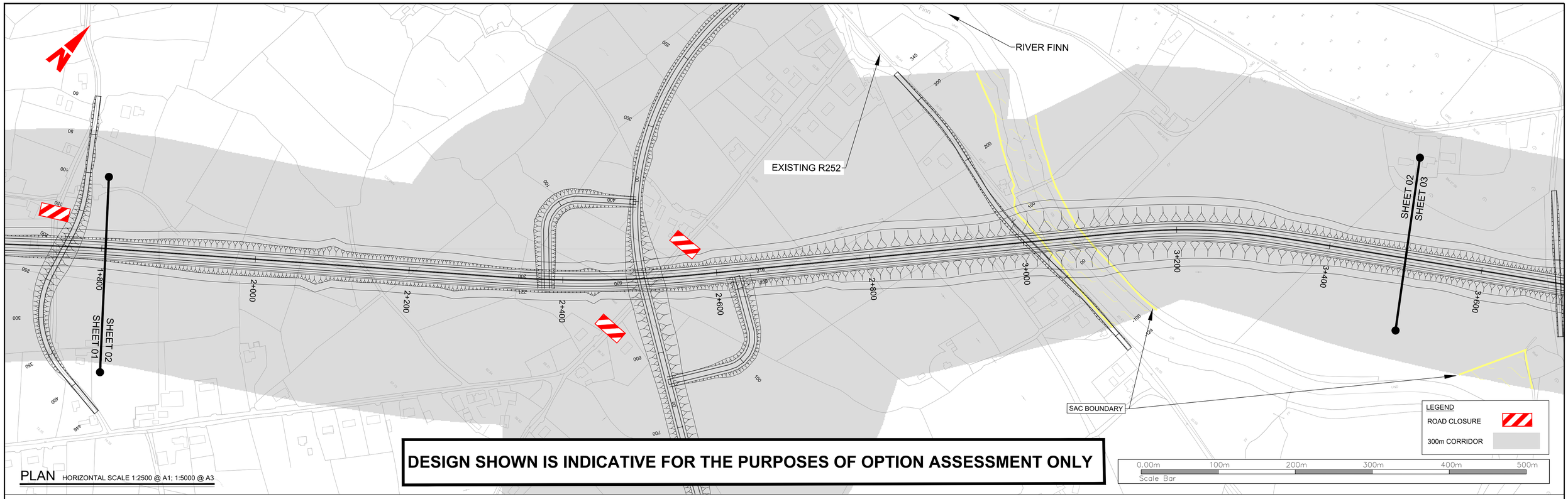
PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





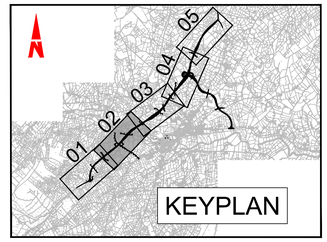
Datum 50.000 m

CHAINAGE	00.000	50.000	100.000	150.000	200.000	250.000	300.000	350.000	400.000	450.000	500.000	550.000	600.000	650.000	700.000	750.000	800.000	850.000	900.000	950.000	1000.000	1050.000	1100.000	1150.000	1200.000	1250.000	1300.000	1350.000	1400.000	1450.000	1500.000	1550.000	1600.000	1650.000	1700.000	1750.000	1800.000
EXISTING LEVELS	80.274	79.378	78.657	78.629	78.175	77.843	77.399	77.598	76.586	76.817	75.953	75.687	74.986	74.182	75.773	77.890	77.102	77.181	77.458	78.023	78.433	79.319	80.150	80.981	82.144	81.413	81.892	83.496	85.054	84.247	84.284	85.954	85.223	84.268	83.086	83.395	82.400
PROPOSED LEVELS	80.274	79.260	78.247	77.233	76.220	75.570	75.714	75.945	76.176	76.406	76.637	76.867	77.098	77.329	77.559	77.790	78.020	78.251	78.482	78.712	78.943	79.174	79.404	79.635	79.865	80.096	80.327	80.557	80.788	81.019	81.249	81.480	81.710	81.848	81.737	81.376	80.766
HORIZONTAL GEOMETRY		L =195.426		R: 2040.000 L: 273.388							L =142.583		L =9.314			R: 720.000 L: 699.387												L: 99.140			L =309.952				L: 49.570	R: 1400.000 L: 2755
VERTICAL GEOMETRY		G =-2.027% L =206.498			R =2600.000 K =26.000 L =64.697																																G =0.461% L =1335.547																		



DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



Datum 15.000 m

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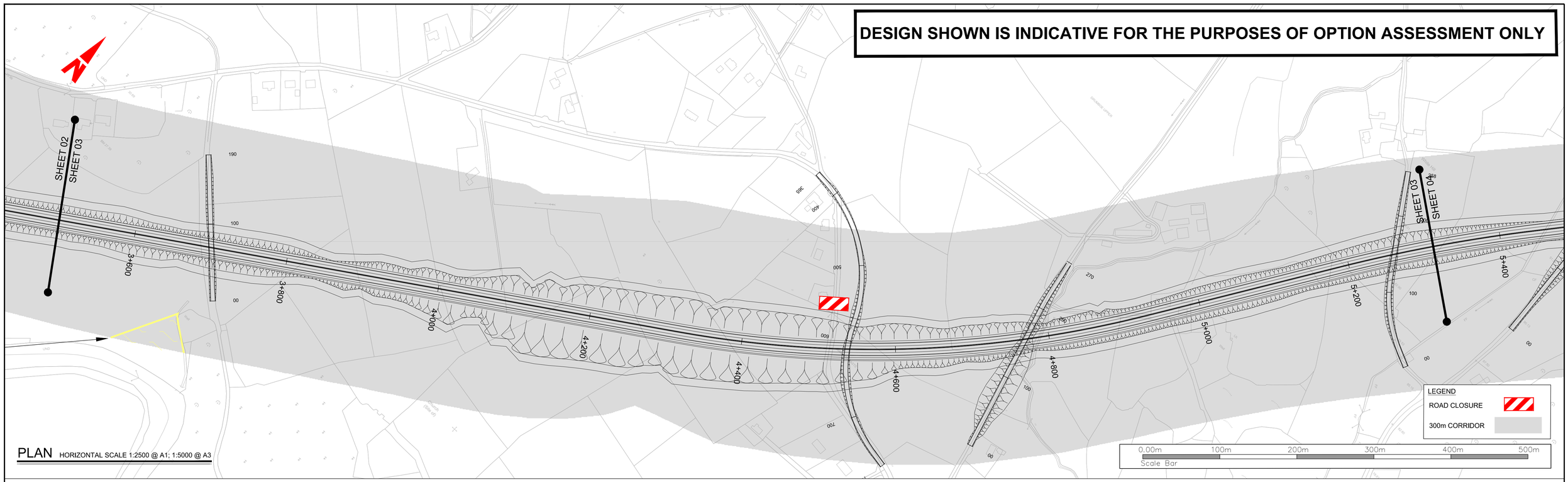
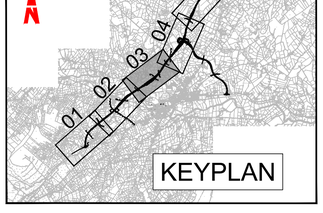
DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



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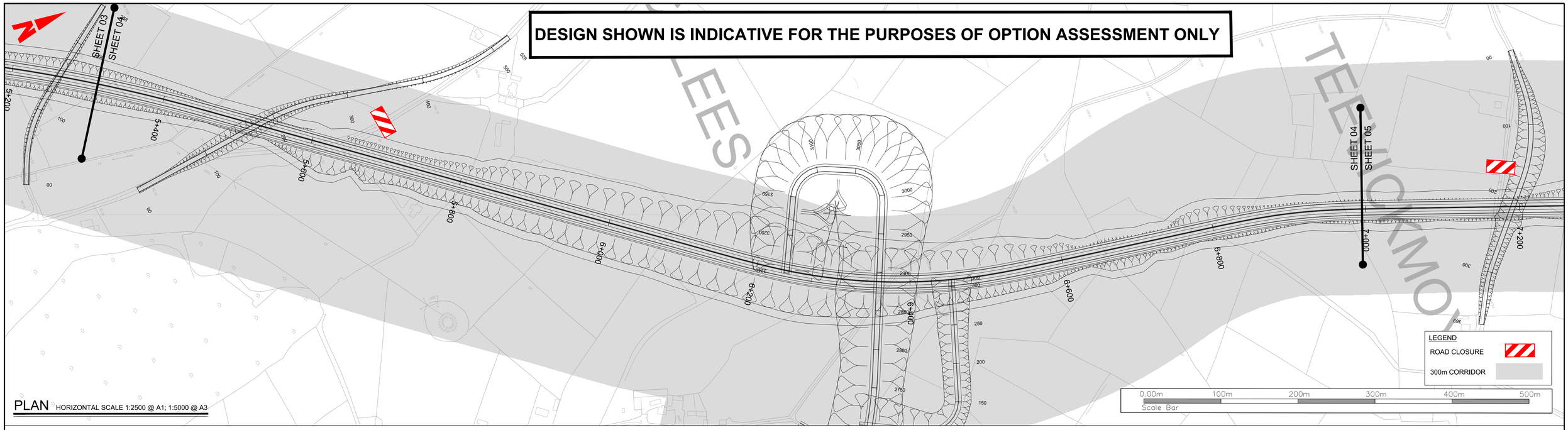
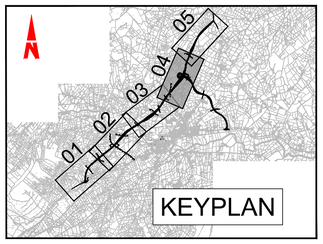


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



Datum 50.000 m

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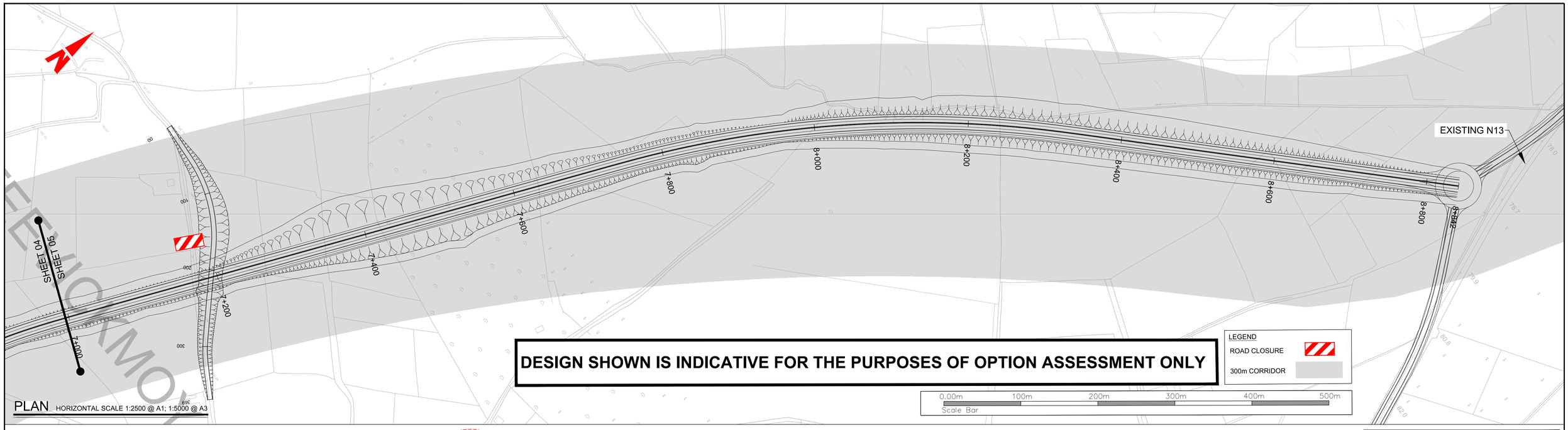
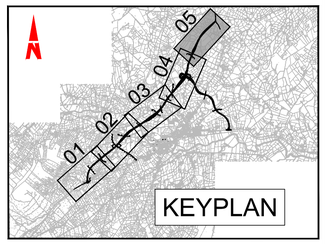


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



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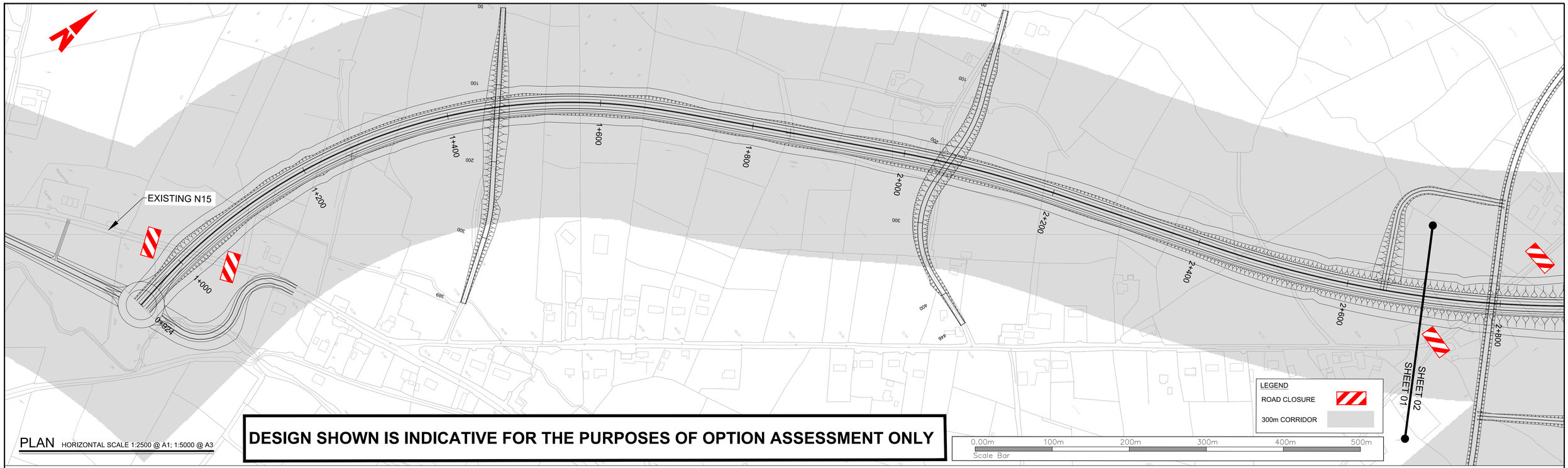
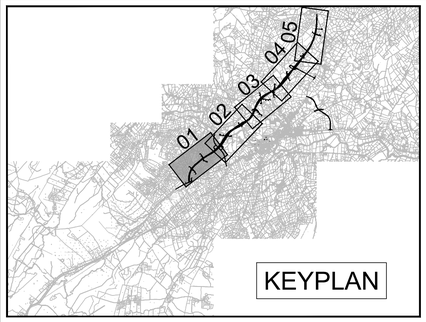
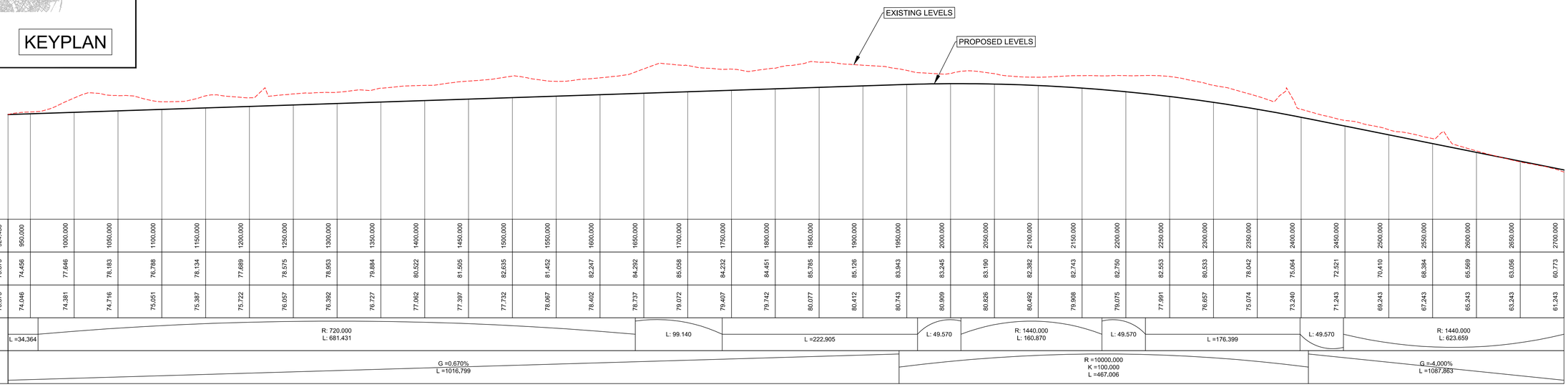


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





Datum 50.000 m

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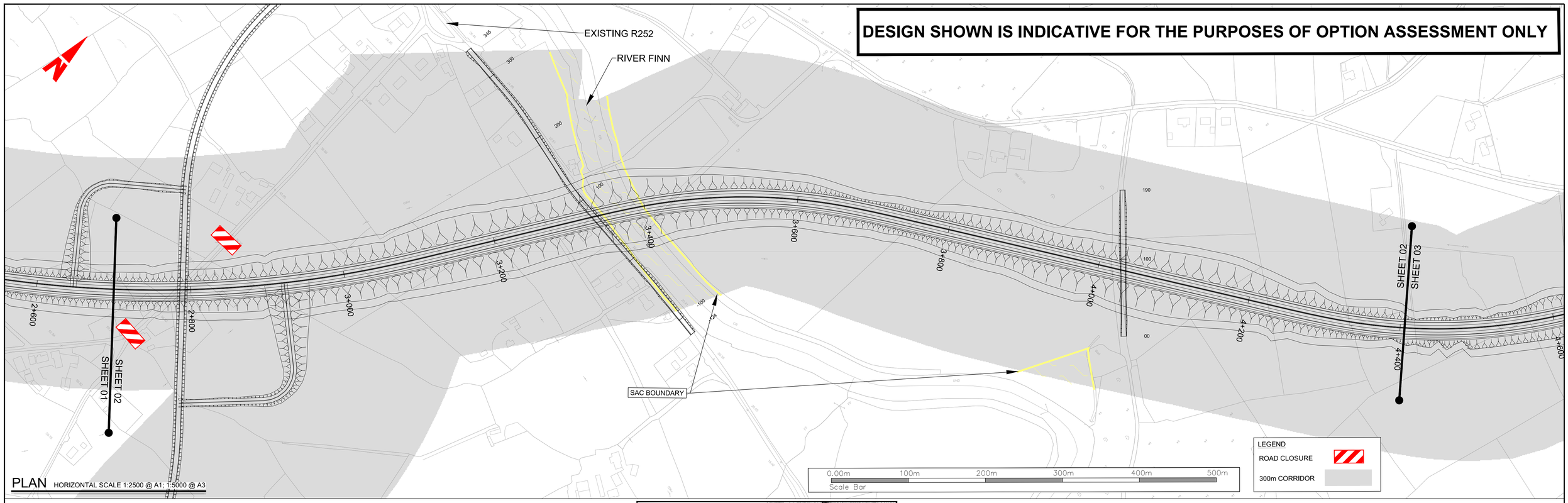
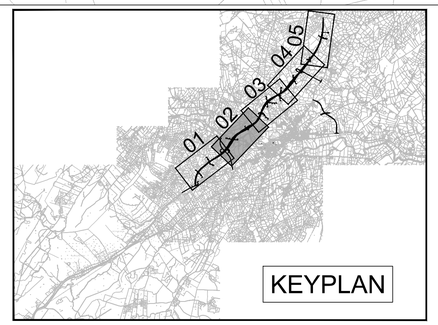
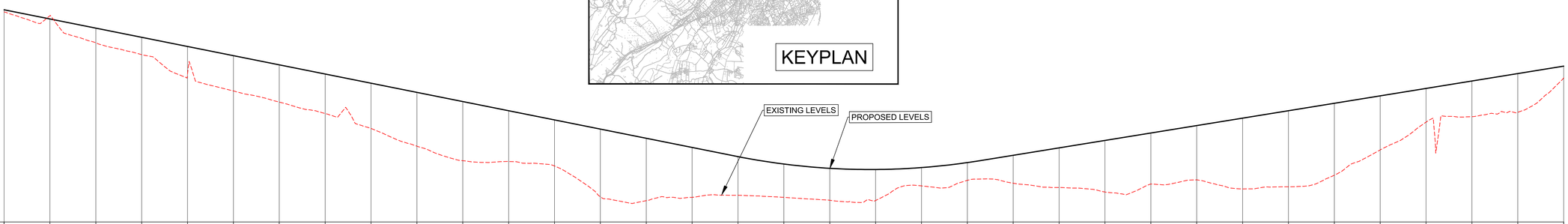
DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 15.000 m

CHAINAGE	2700.000	2750.000	2800.000	2850.000	2900.000	2950.000	3000.000	3050.000	3100.000	3150.000	3200.000	3250.000	3300.000	3350.000	3400.000	3450.000	3500.000	3550.000	3600.000	3650.000	3700.000	3750.000	3800.000	3850.000	3900.000	3950.000	4000.000	4050.000	4100.000	4150.000	4200.000	4250.000	4300.000	4350.000	4400.000
EXISTING LEVELS	60.773	59.930	54.042	51.457	47.280	43.560	41.127	38.639	35.382	31.517	28.356	28.183	27.225	20.503	19.647	20.378	20.840	20.379	19.744	19.696	22.876	24.075	23.454	22.523	21.534	23.285	24.192	22.214	22.678	25.193	30.698	36.756	37.958	38.914	46.409
PROPOSED LEVELS	61.243	59.243	57.243	55.243	53.243	51.243	49.243	47.243	45.243	43.243	41.243	39.243	37.243	35.243	33.243	31.243	29.245	27.636	26.701	26.443	26.860	27.953	29.545	31.164	32.782	34.400	36.019	37.637	39.255	40.873	42.492	44.110	45.728	47.346	48.965
HORIZONTAL GEOMETRY		R: 1440.000 L: 623.659							L: 49.570		L =188.661			L: 99.140		R: 720.000 L: 236.925				L: 99.140		L =488.307										L: 99.000		R: 720.000 L: 361.491
VERTICAL GEOMETRY		G =-4.000% L =1087.863																	R =3700.000 K =37.000 L =267.752				G =3.237% L =1309.769												

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Transport Infrastructure Ireland

Comhairle Contae Dhún na nGall
Donegal County Council

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NOTES

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1F PLAN & PROFILE
FIGURE 1F SHEET 2 OF 5

Status: S4

Designed: DC	Date: JUNE 18	Model File Identifier:	Rev:
Drawn: LM	Scale @ A1: AS SHOWN	N/A	P01
Approved: TP	@ A3: AS SHOWN	File Identifier:	
Checked: EC	Sheet: 02 of 05	TT_MGT0337-RPS-00-ZZ-DR-D-GE0019-02	

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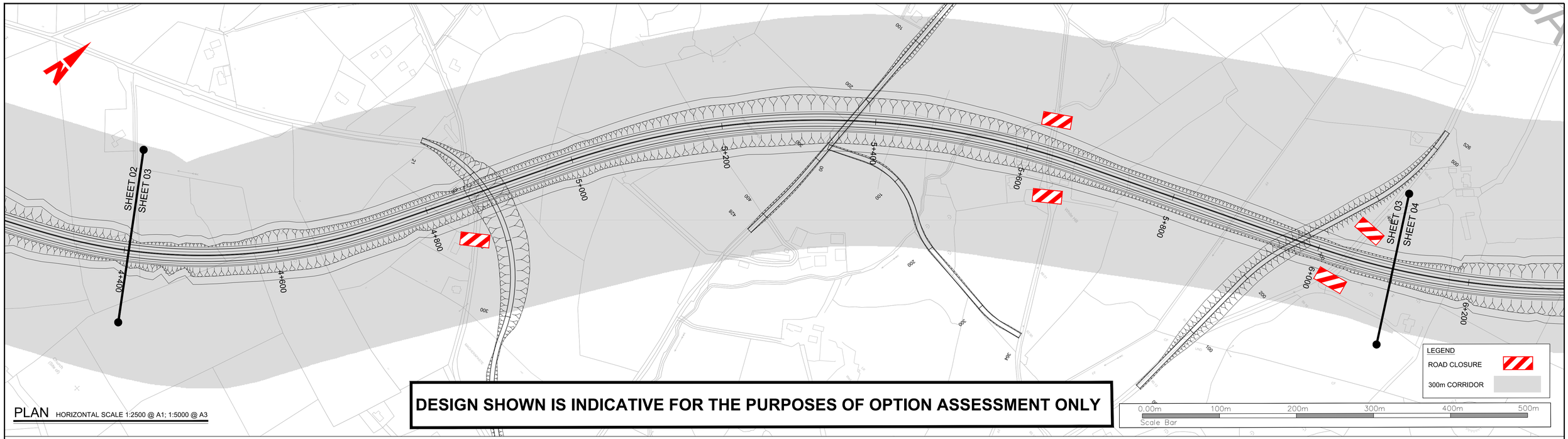
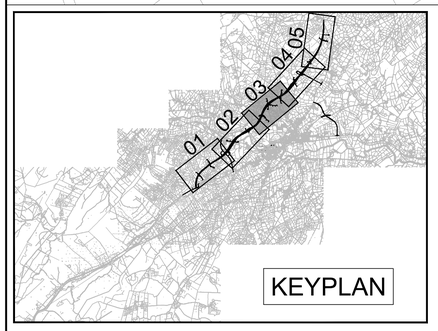
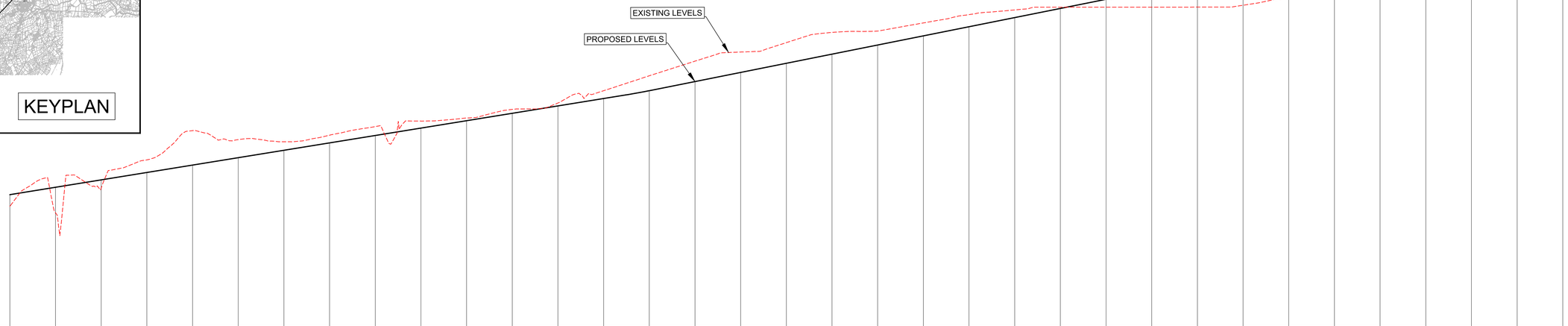


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





Datum 20.000 m

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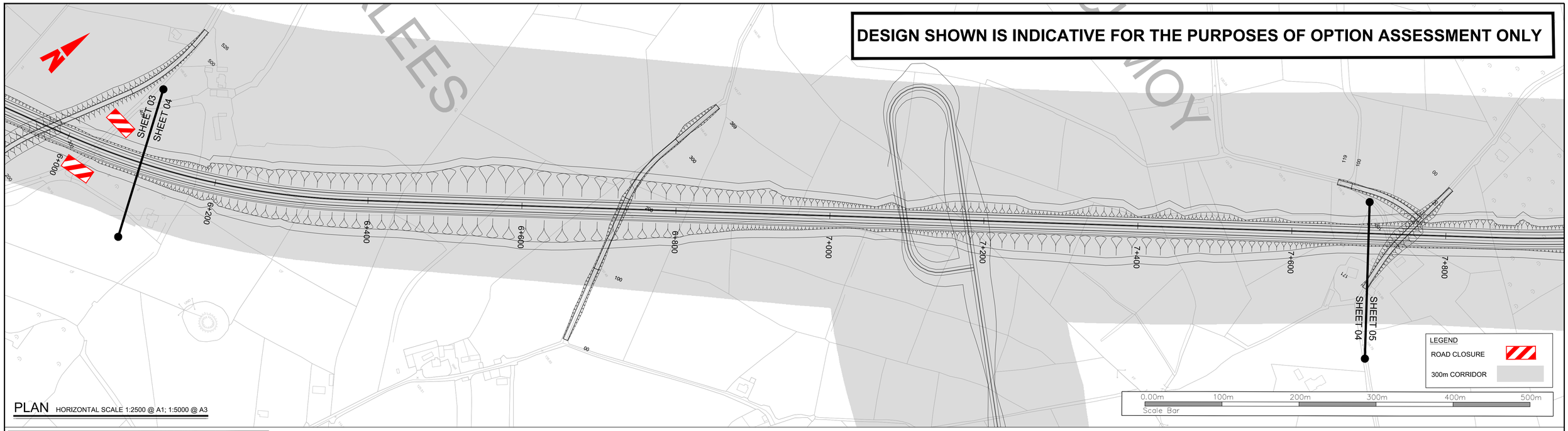
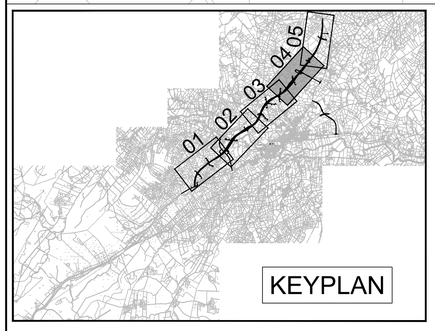
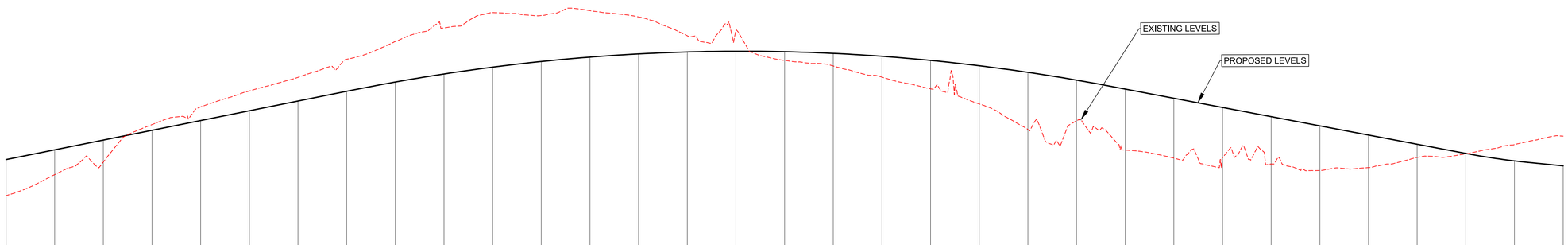
DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 50.000 m

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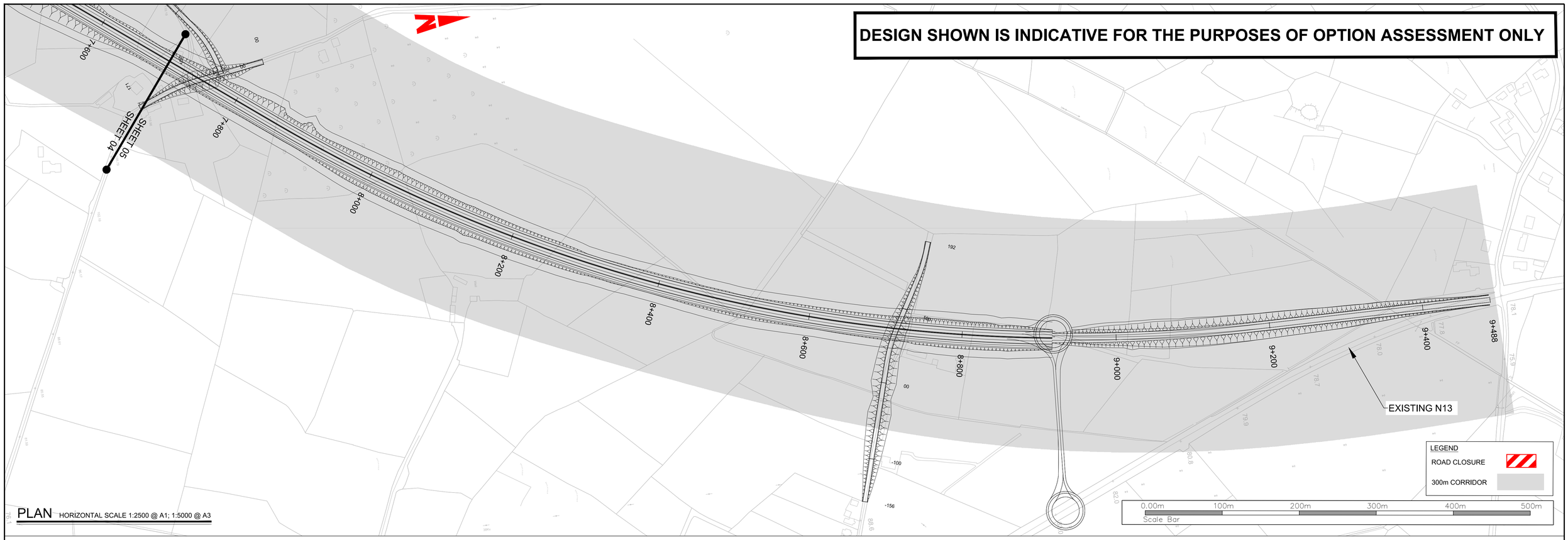
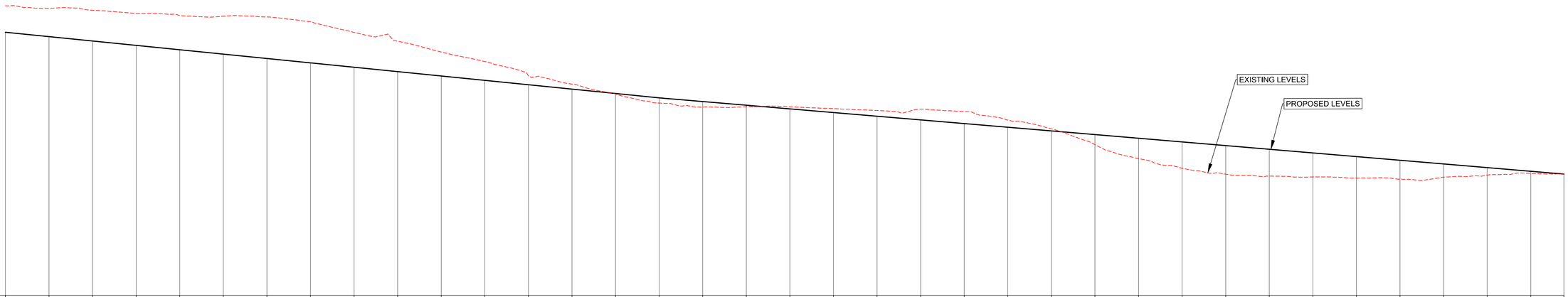
DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



Datum 50.000 m

CHAINAGE	7700.000	7750.000	7800.000	7850.000	7900.000	7950.000	8000.000	8050.000	8100.000	8150.000	8200.000	8250.000	8300.000	8350.000	8400.000	8450.000	8500.000	8550.000	8600.000	8650.000	8700.000	8750.000	8800.000	8850.000	8900.000	8950.000	9000.000	9050.000	9100.000	9150.000	9200.000	9250.000	9300.000	9350.000	9400.000	9450.000	9488.036
EXISTING LEVELS	116.506	115.909	115.452	114.712	114.283	114.086	113.915	112.839	110.375	108.344	105.879	103.690	100.436	98.494	96.238	94.144	93.213	93.334	93.285	92.881	92.435	92.726	92.196	90.234	88.213	84.604	81.395	79.167	77.802	77.371	77.174	76.915	76.664	77.117	77.598	77.987	77.826
PROPOSED LEVELS	110.406	109.402	108.398	107.393	106.389	105.385	104.381	103.377	102.373	101.369	100.365	99.361	98.357	97.353	96.349	95.345	94.489	93.646	92.802	91.959	91.116	90.273	89.429	88.586	87.743	86.900	86.056	85.213	84.370	83.527	82.683	81.840	80.997	80.154	79.310	78.467	77.626
HORIZONTAL GEOMETRY		L =1438.221														R: 2040.000 L: 1315.421																					L =315.230
VERTICAL GEOMETRY		G =-2.008% L =784.583														R =3700.000 K =37.000 L =111.899								G =-1.686% L =1028.086													

PROFILE
VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Transport Infrastructure Ireland

Comhairle Contae Dhún na nGall
Donegal County Council

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NOTES

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1F PLAN & PROFILE
FIGURE 1F SHEET 5 OF 5

Status: S4

Designed: DC | Date: JUNE 18 | Model File Identifier: N/A
Drawn: LM | Scale @ A1: AS SHOWN | @ A3: AS SHOWN
Approved: TP | File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0019-05
Checked: EC | Sheet: 05 of 05

Rev: P01

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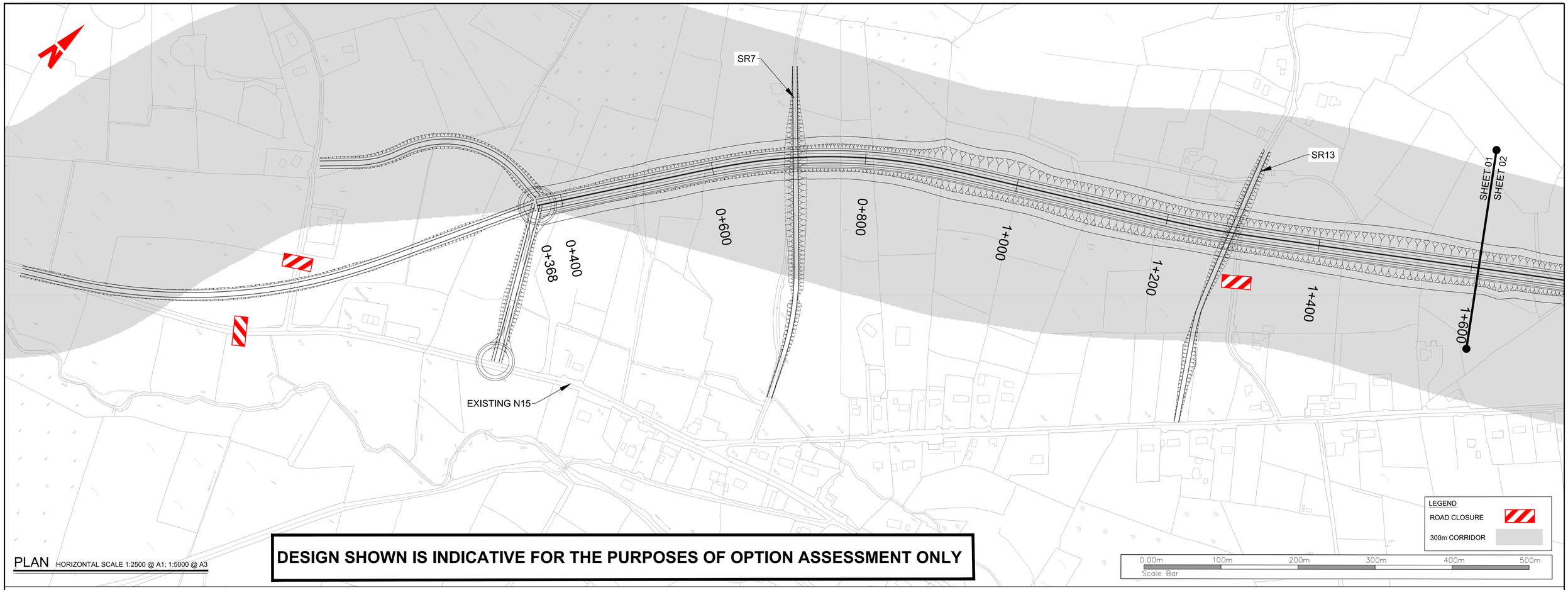
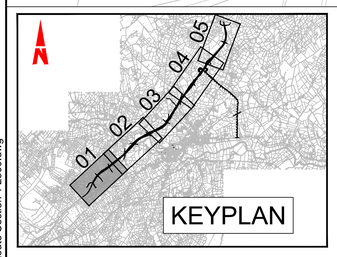
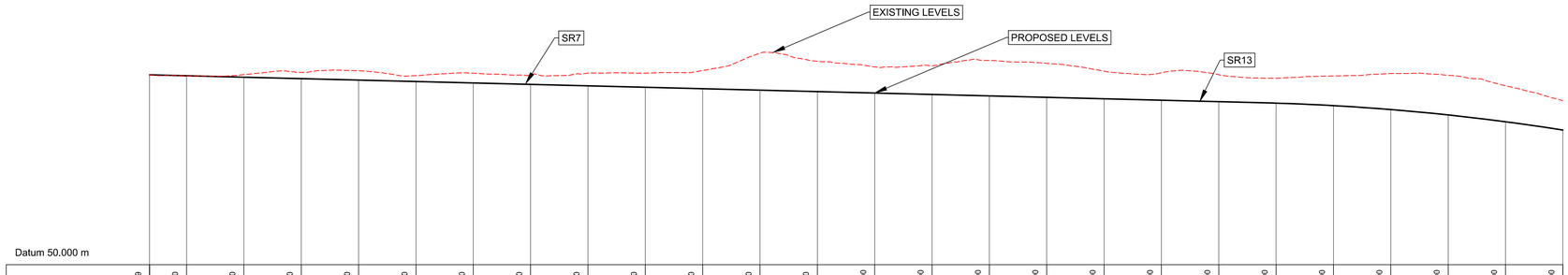


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





Datum 50.000 m

CHAINAGE	367.719	400.000	450.000	500.000	550.000	600.000	650.000	700.000	750.000	800.000	850.000	900.000	950.000	1000.000	1050.000	1100.000	1150.000	1200.000	1250.000	1300.000	1350.000	1400.000	1450.000	1500.000	1550.000	1600.000
EXISTING LEVELS	83.117	82.916	83.155	83.562	83.815	82.972	83.390	83.117	83.432	83.408	83.874	86.885	85.477	84.501	84.674	85.632	85.120	83.762	83.483	83.140	82.524	82.916	83.345	83.022	81.211	78.612
PROPOSED LEVELS	83.117	82.955	82.704	82.453	82.202	81.951	81.700	81.449	81.198	80.947	80.696	80.445	80.194	79.943	79.692	79.441	79.190	78.939	78.688	78.437	78.178	77.742	77.055	76.118	74.932	73.495
HORIZONTAL GEOMETRY		L =183.627				L: 99.140		R: 720.000 L: 216.007				L: 99.140		L =198.879				L: 49.570	R: 1440.000 L: 77.922	L: 49.570	L =533.996					
VERTICAL GEOMETRY		G =-0.502% L =970.140																			R =10000.000 K =100.000 L =351.589					

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title:
TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1G PLAN & PROFILE
FIGURE 1G SHEET 1 OF 5

Status: S4

Designed: DC	Date: AUG 18	Model File Identifier:	Rev:
Drawn: LM	Scale @ A1: AS SHOWN	N/A	
Approved: TP	@ A3: AS SHOWN	File Identifier:	P01
Checked: EC	Sheet: 01 of 05	TT_MGT0337-RPS-00-ZZ-DR-D-GE0028-01	

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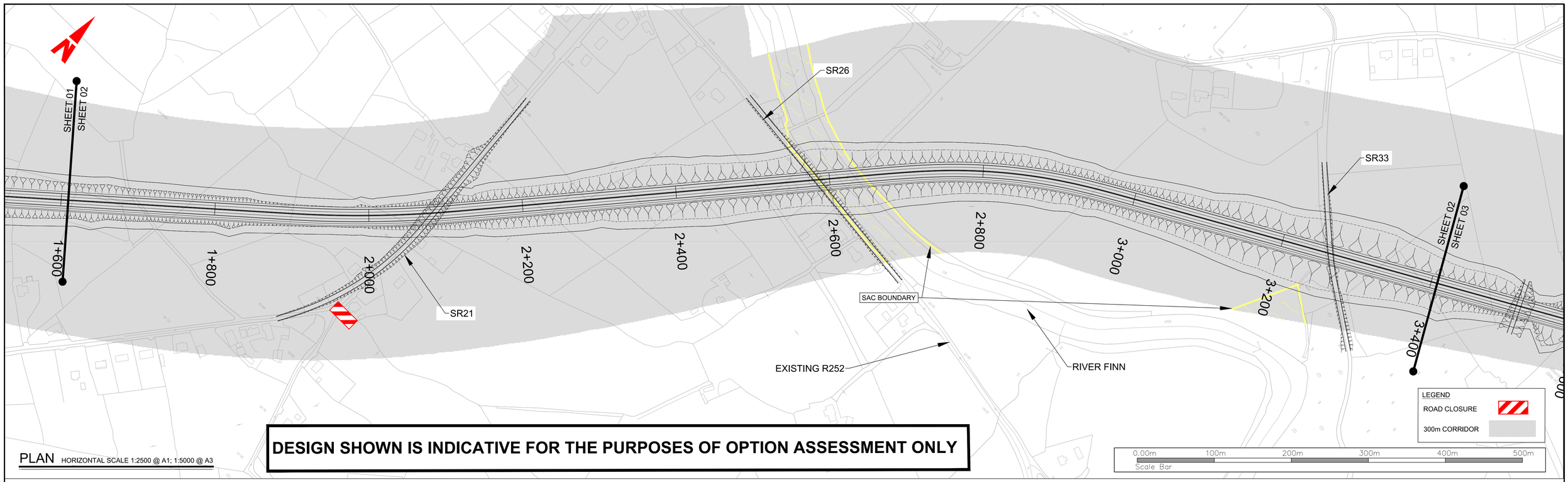
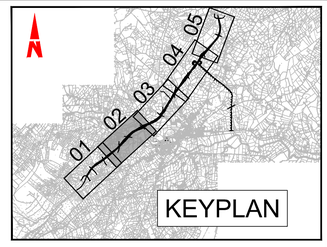
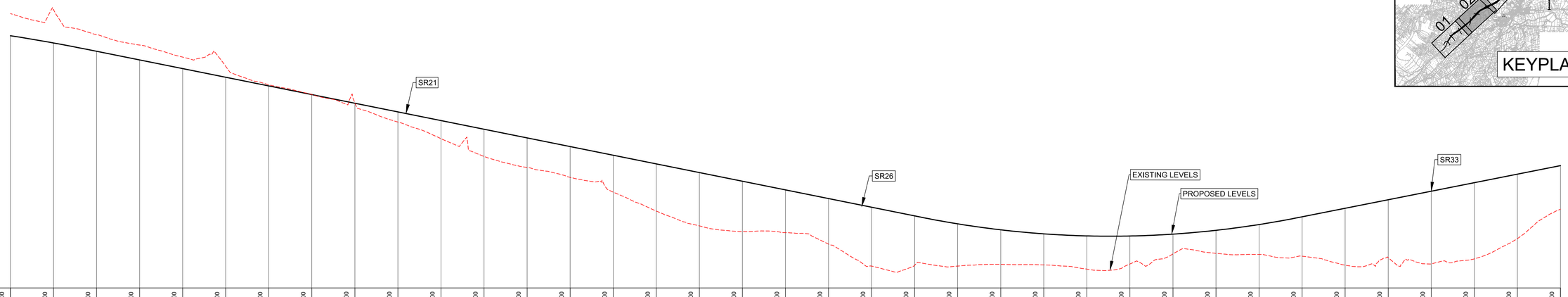


DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 15.000 m

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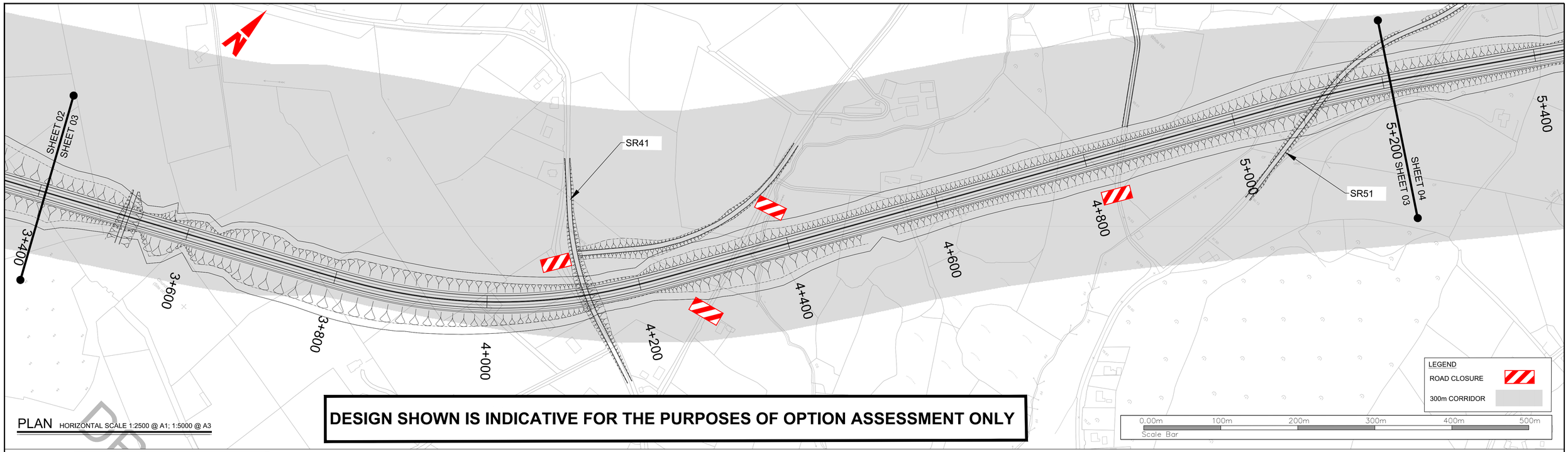
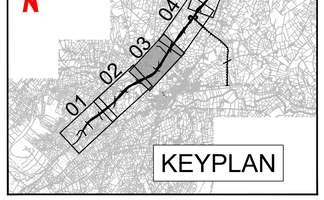


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



Datum 20.000 m

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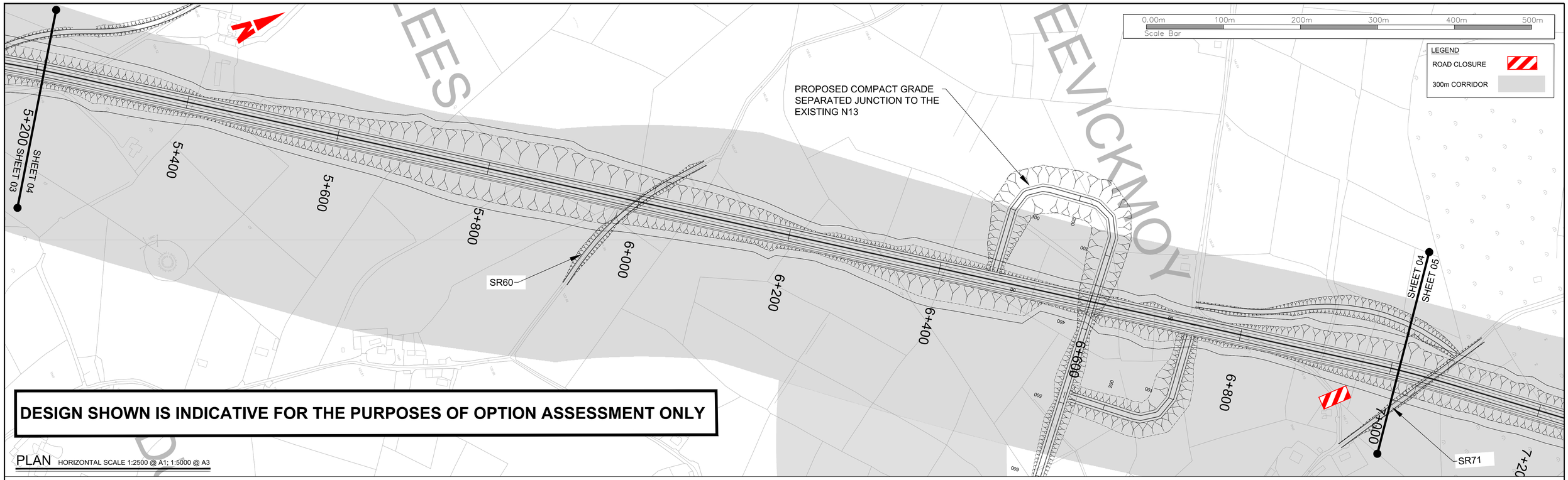
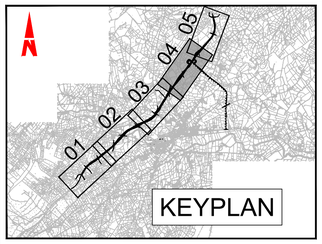
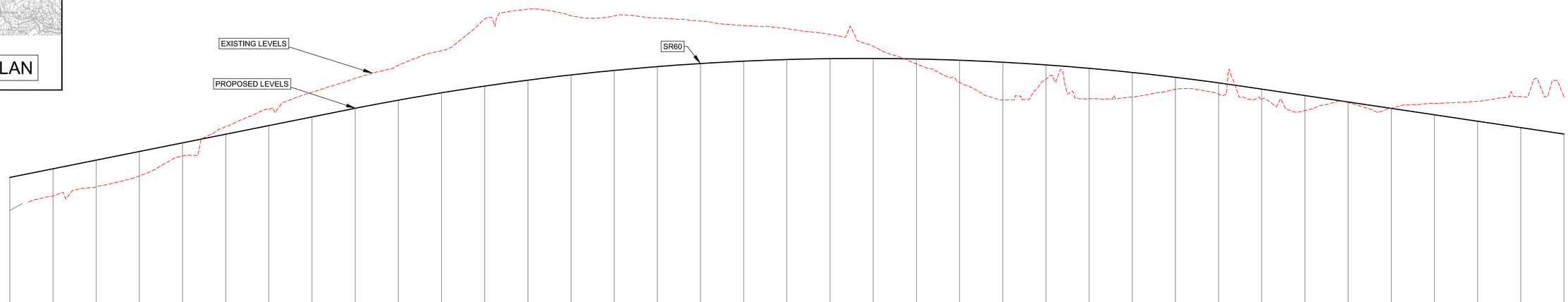


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 75.000 m

CHAINAGE	5200.000	5250.000	5300.000	5350.000	5400.000	5450.000	5500.000	5550.000	5600.000	5650.000	5700.000	5750.000	5800.000	5850.000	5900.000	5950.000	6000.000	6050.000	6100.000	6150.000	6200.000	6250.000	6300.000	6350.000	6400.000	6450.000	6500.000	6550.000	6600.000	6650.000	6700.000	6750.000	6800.000	6850.000	6900.000	6950.000	7000.000
EXISTING LEVELS	97.364	100.685	102.816	105.330	109.929	116.692	120.701	124.696	127.936	130.956	134.312	141.631	143.911	142.380	142.358	141.848	141.169	140.130	139.423	138.082	135.310	131.245	126.968	122.917	127.712	123.190	123.594	125.368	124.253	123.101	120.459	122.308	121.017	122.119	122.612	123.710	123.650
PROPOSED LEVELS	104.988	106.988	108.988	110.988	112.988	114.988	116.988	118.988	120.983	122.860	124.571	126.115	127.492	128.702	129.746	130.623	131.333	131.877	132.254	132.465	132.509	132.386	132.096	131.640	131.017	130.228	129.271	128.148	126.859	125.412	123.928	122.443	120.959	119.475	117.990	116.506	115.022
HORIZONTAL GEOMETRY	R: 2040.000 L: 197.583	L =1705.730																																		R: 1410.000 L: 49.571	R: 1410.000 L: 54.767
VERTICAL GEOMETRY	G =4.000% L =1194.580	R =15000.000 K =150.000 L =1045.288																																		G =-2.969% L =1309.999	

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1G PLAN & PROFILE FIGURE 1G SHEET 4 OF 5

Status: S4

Designed: DC	Date: AUG 18	Model File Identifier:	Rev:
Drawn: LM	Scale @ A1: AS SHOWN	N/A	P01
Approved: TP	@ A3: AS SHOWN	File Identifier:	
Checked: EC	Sheet: 04 of 05	TT_MGT0337-RPS-00-ZZ-DR-D-GE0028-04	

R:\MGT0337 - Ten-T Priority Route Imp - Donegal\8.0 Drawings\GEITT_MGT0337-RPS-00-ZZ-DR-D-GE0028_1G Route Section 1 2500.dwg

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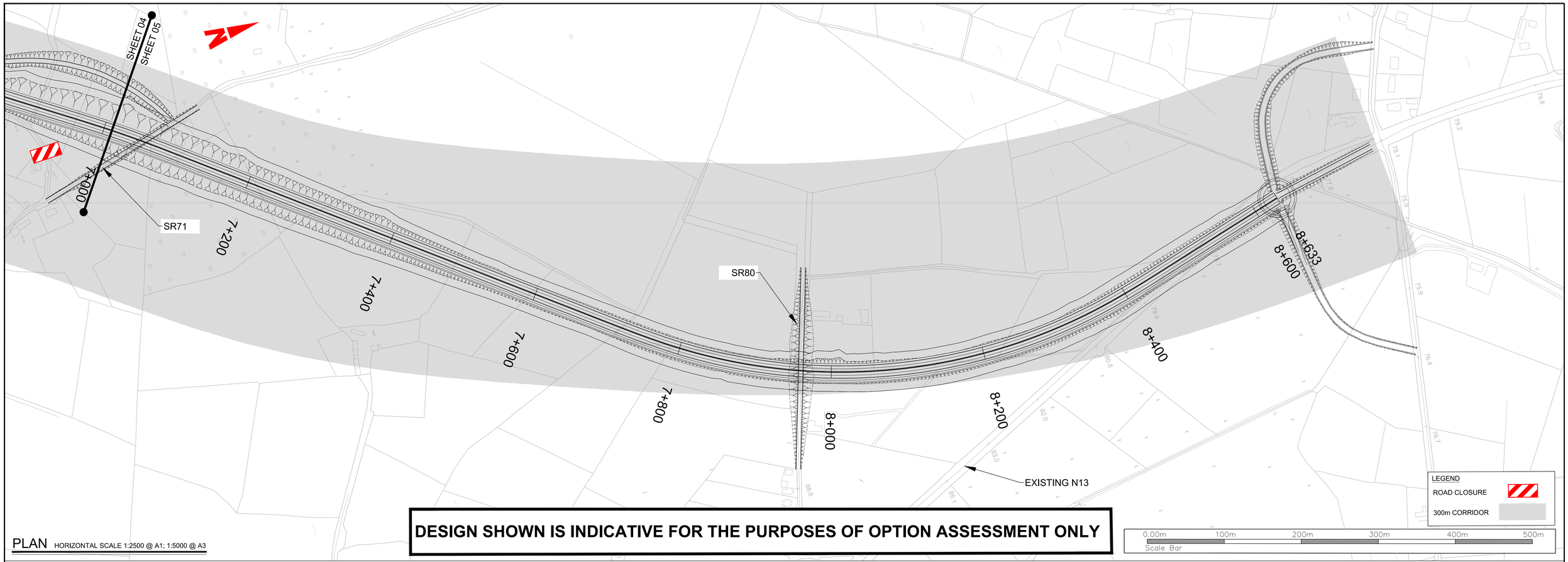


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

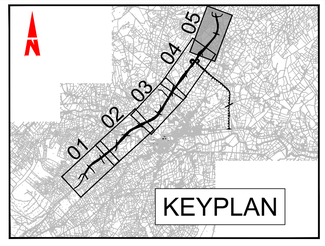
DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



Datum 75.000 m

CHAINAGE	7000.000	7050.000	7100.000	7150.000	7200.000	7250.000	7300.000	7350.000	7400.000	7450.000	7500.000	7550.000	7600.000	7650.000	7700.000	7750.000	7800.000	7850.000	7900.000	7950.000	8000.000	8050.000	8100.000	8150.000	8200.000	8250.000	8300.000	8350.000	8400.000	8450.000	8500.000	8550.000	8600.000	8632.897
EXISTING LEVELS	123.650	122.410	121.066	117.572	115.607	113.710	111.634	109.304	106.990	104.171	101.583	99.074	97.083	95.480	92.897	91.323	90.049	88.787	89.773	88.409	86.002	84.956	83.873	82.960	83.174	82.299	81.196	80.214	78.516	77.994	78.151	78.502	78.343	78.031
PROPOSED LEVELS	115.022	113.537	112.653	110.569	109.085	107.600	106.116	104.632	103.147	101.663	100.179	98.695	97.210	95.726	94.242	92.757	91.273	89.789	88.304	86.824	85.654	84.952	84.359	83.765	83.171	82.578	81.984	81.390	80.797	80.203	79.609	79.016	78.422	78.031
HORIZONTAL GEOMETRY		R: 1440.000 L: 54.767	L: 49.570		L =590.548											L: 99.140			R: 720.000 L: 574.697									L: 99.140			L =165.382		
VERTICAL GEOMETRY		G =-2.969% L =1309.999																			R =5028.855 K =50.289 L =89.577		G =-1.187% L =599.897										

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1G PLAN & PROFILE
FIGURE 1G SHEET 5 OF 5

Status: S4

Designed: DC	Date: AUG 18	Model File Identifier: N/A	Rev: P01
Drawn: LM	Scale @ A1: AS SHOWN		
Approved: TP	@ A3: AS SHOWN	File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0028-05	
Checked: EC	Sheet: 05 of 05		

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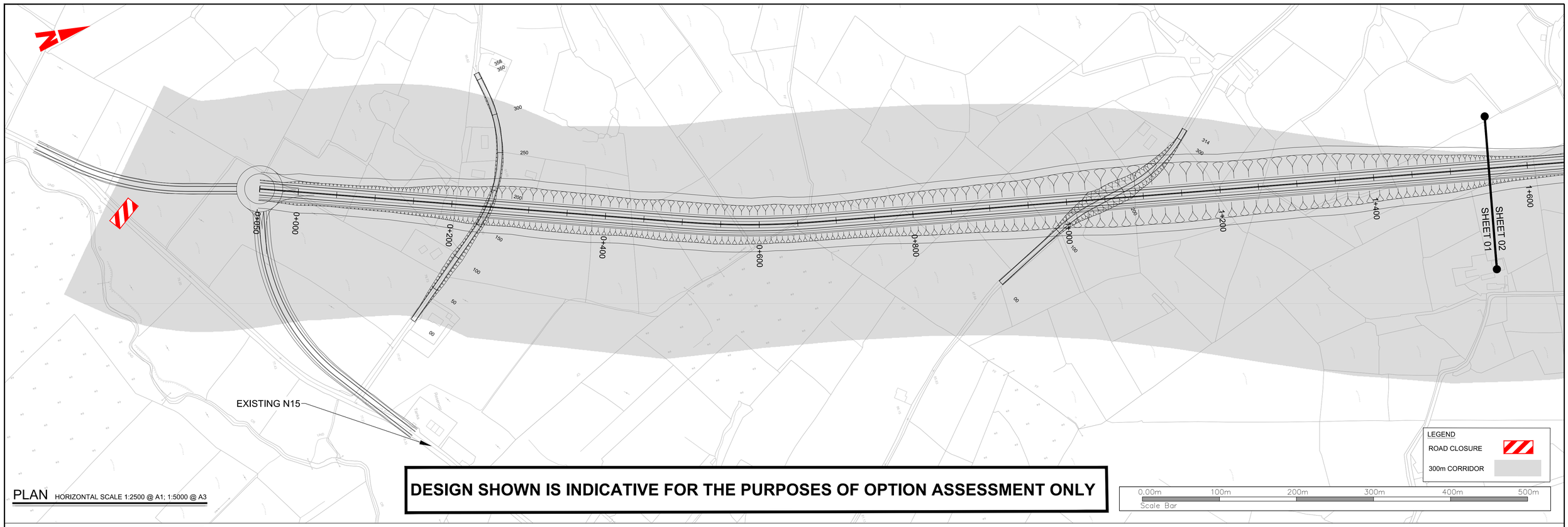
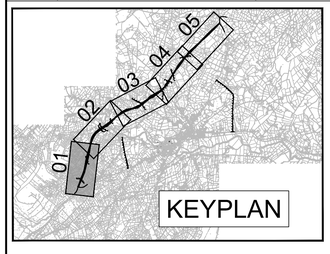
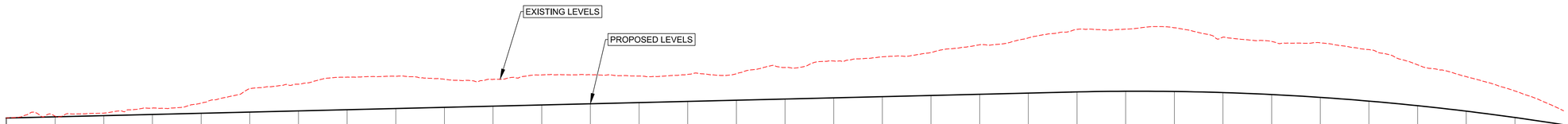


DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 50.000 m

	-50.000	00.000	50.000	100.000	150.000	200.000	250.000	300.000	350.000	400.000	450.000	500.000	550.000	600.000	650.000	700.000	750.000	800.000	850.000	900.000	950.000	1000.000	1050.000	1100.000	1150.000	1200.000	1250.000	1300.000	1350.000	1400.000	1450.000	1500.000	1550.000
CHAINAGE																																	
EXISTING LEVELS	80.196	80.580	81.211	82.241	83.256	86.234	87.132	88.588	88.775	88.141	88.125	89.045	89.086	88.814	89.147	89.272	90.567	91.902	92.762	93.649	95.242	96.642	98.392	98.441	98.733	96.793	95.919	95.634	94.242	91.110	88.687	85.749	81.685
PROPOSED LEVELS	80.196	80.440	80.683	80.927	81.171	81.415	81.659	81.902	82.146	82.390	82.634	82.878	83.121	83.365	83.609	83.853	84.097	84.340	84.584	84.828	85.072	85.316	85.558	85.691	85.645	85.420	85.015	84.430	83.667	82.724	81.601	80.300	78.819
HORIZONTAL GEOMETRY		L =521.843											L: 69.980	R: 1020.000 L: 91.094		L: 69.980	L =1020.713																
VERTICAL GEOMETRY		G =0.488% L =1094.551																															
																													R =13938.188 K =139.382 L =562.243			

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1A1 PLAN & PROFILE
FIGURE 1A1 SHEET 1 OF 5

Status: S4

Designed: DC | Date: MAR 19 | Model File Identifier: N/A
Drawn: LM | Scale @ A1: AS SHOWN | @ A3: AS SHOWN
Approved: TP
Checked: EC | Sheet: 01 of 05 | File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0029-01

Rev: P01

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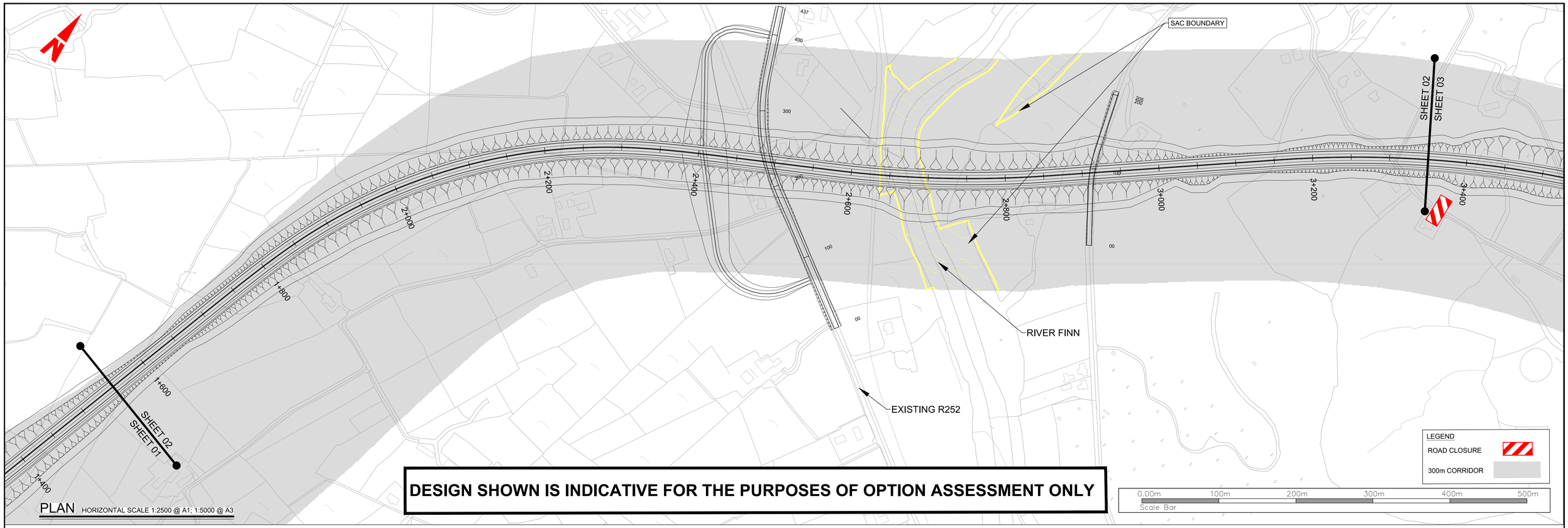
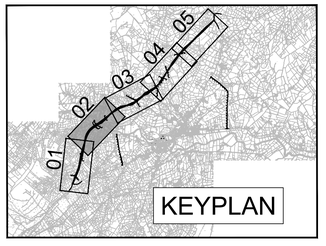


DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



Datum 25.000 m

CHAINAGE	1550.000	1600.000	1650.000	1700.000	1750.000	1800.000	1850.000	1900.000	1950.000	2000.000	2050.000	2100.000	2150.000	2200.000	2250.000	2300.000	2350.000	2400.000	2450.000	2500.000	2550.000	2600.000	2650.000	2700.000	2750.000	2800.000	2850.000	2900.000	2950.000	3000.000	3050.000	3100.000	3150.000	3200.000	3250.000	3300.000	3350.000
EXISTING LEVELS	81.685	77.993	74.872	69.865	67.199	63.601	59.928	57.713	55.471	52.983	51.175	48.542	48.081	45.024	43.472	41.753	38.834	36.840	35.564	34.018	32.994	31.758	27.553	27.840	29.168	33.916	36.735	37.583	42.736	49.120	59.933	59.072	62.048	66.957	68.536	71.379	76.637
PROPOSED LEVELS	78.819	77.158	75.387	73.613	71.840	70.067	68.294	66.521	64.748	62.975	61.202	59.429	57.655	55.882	54.109	52.336	50.563	48.790	47.017	45.244	43.674	42.709	42.362	42.631	43.517	45.019	46.990	48.990	50.990	52.990	54.990	56.990	58.990	60.990	62.990	64.990	66.990
HORIZONTAL GEOMETRY	L =1020.713		L: 140.000		R: 720.000 L: 437.506							L: 140.000		L =134.706		R: 1440.000 L: 277.955					L =306.957							R: 1381.800 L: 560.048						
VERTICAL GEOMETRY	R =13938.188 K =139.382 L =562.243		G =-3.546% L =903.017																			R =4053.704 K =40.537 L =305.902						G =4.000% L =836.411							

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1A1 PLAN & PROFILE
FIGURE 1A1 SHEET 2 OF 5

Status: S4

Designed: DC	Date: MAR 19	Model File Identifier: N/A	Rev: P01
Drawn: LM	Scale @ A1: AS SHOWN		
Approved: TP	@ A3: AS SHOWN	File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0029-02	
Checked: EC	Sheet: 02 of 05		

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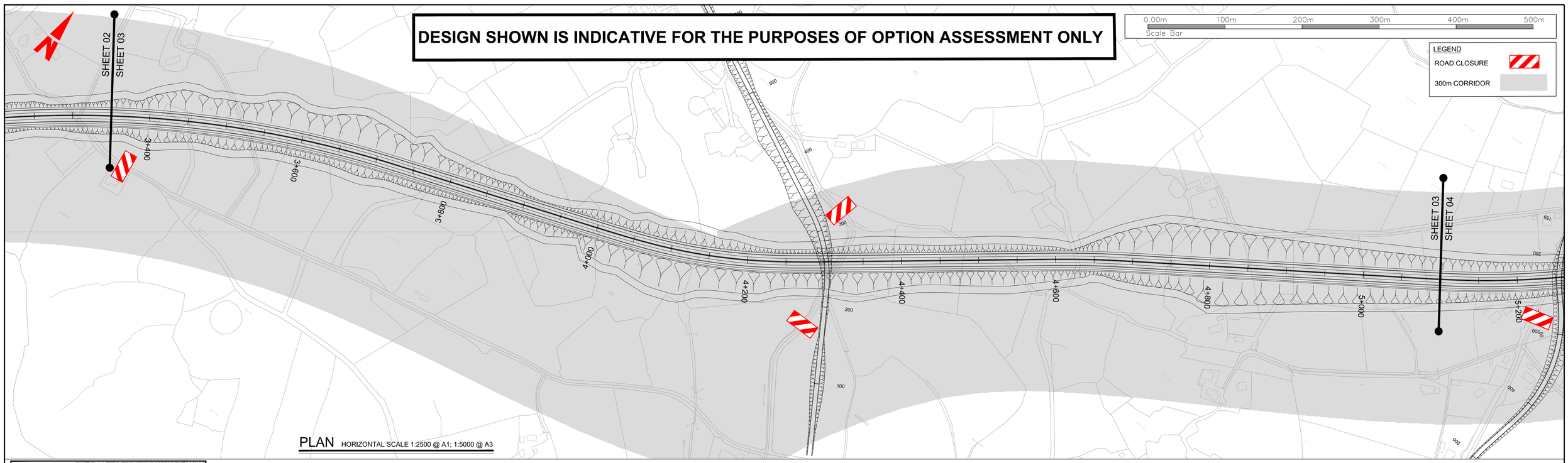
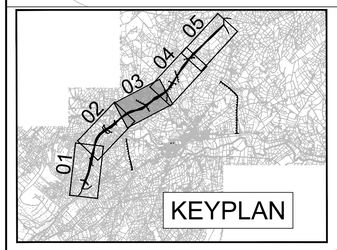
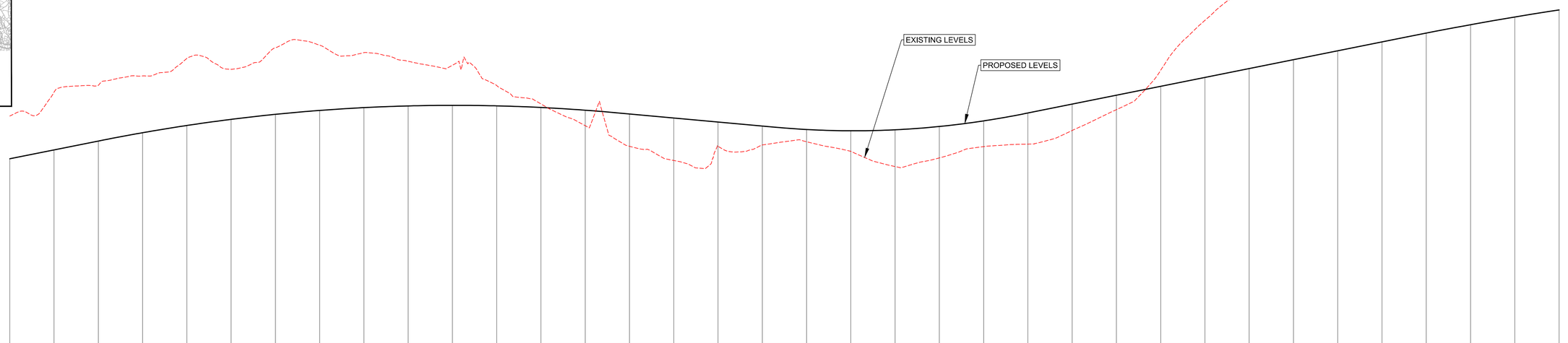


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 25.000 m

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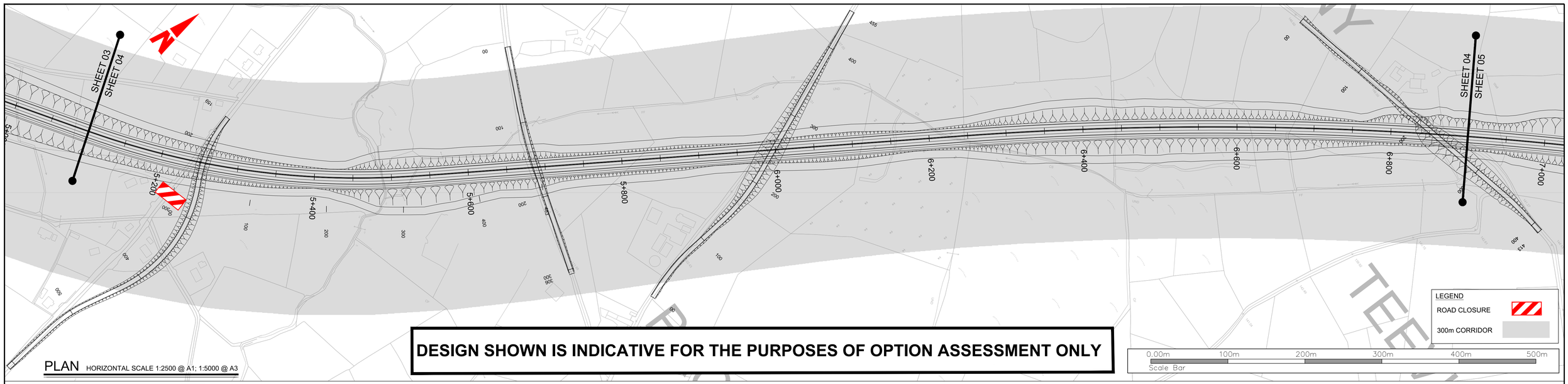
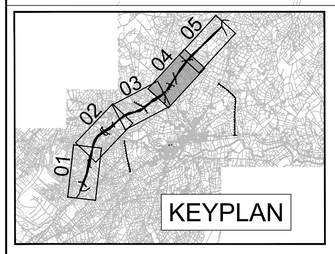
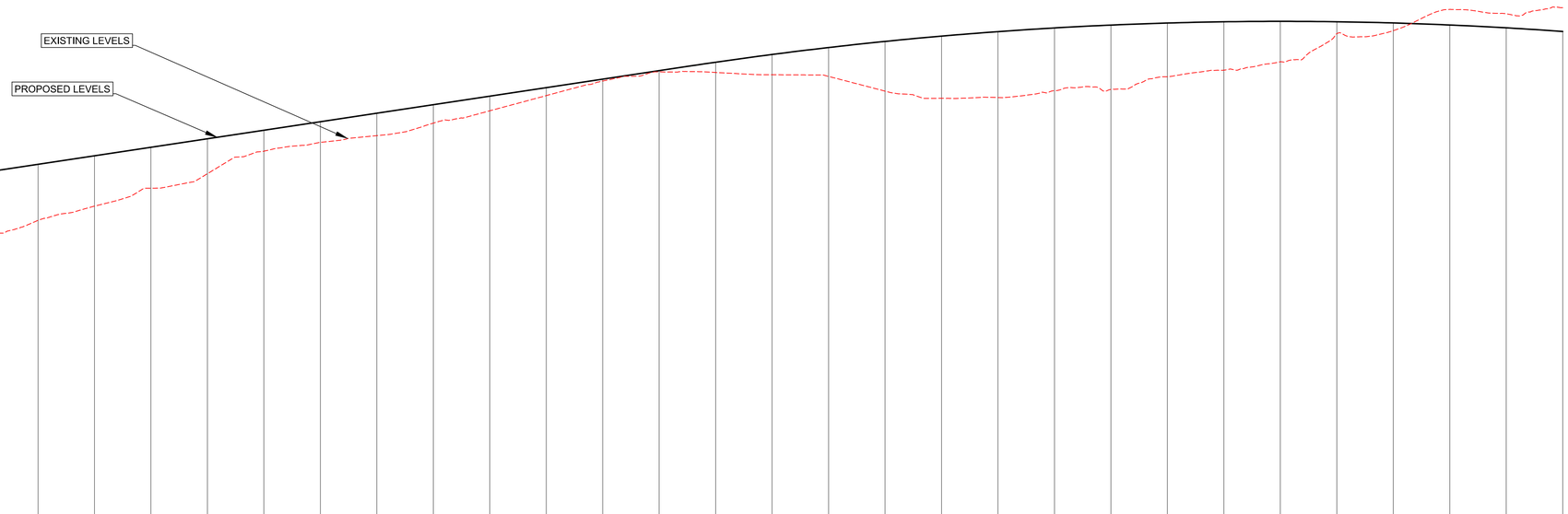


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





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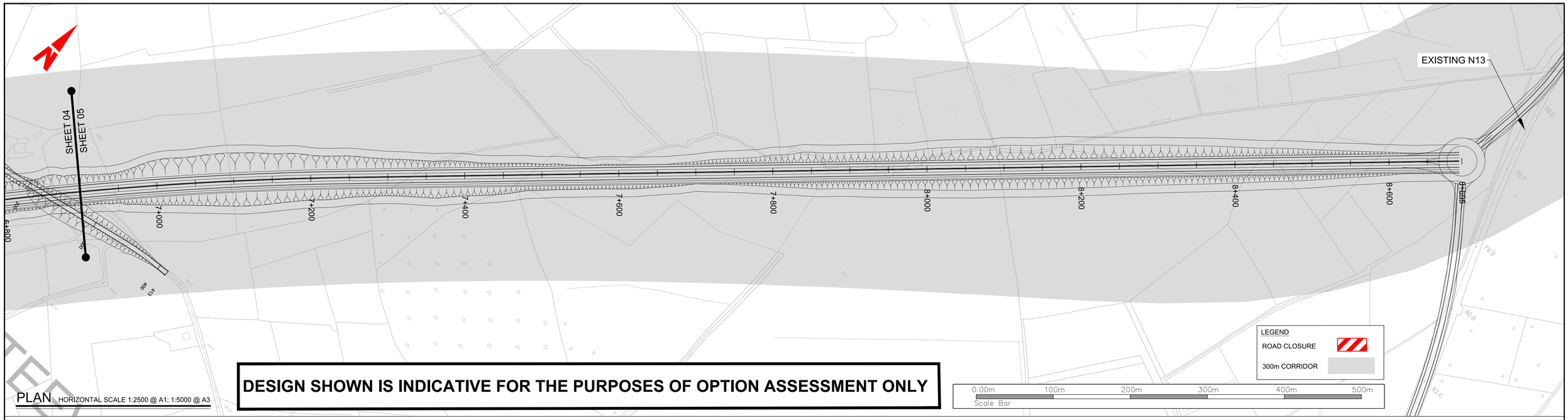
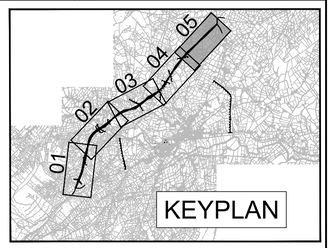


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



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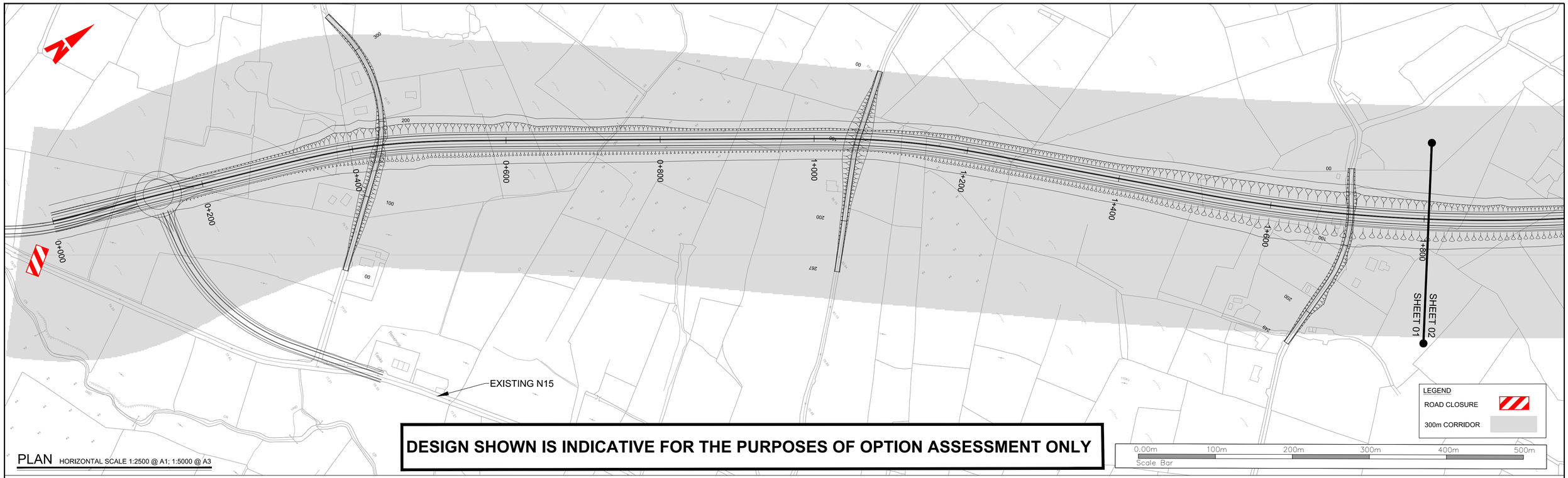
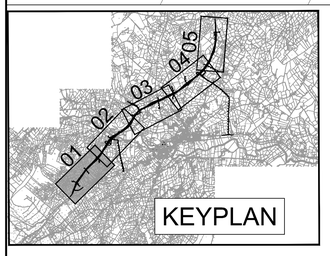
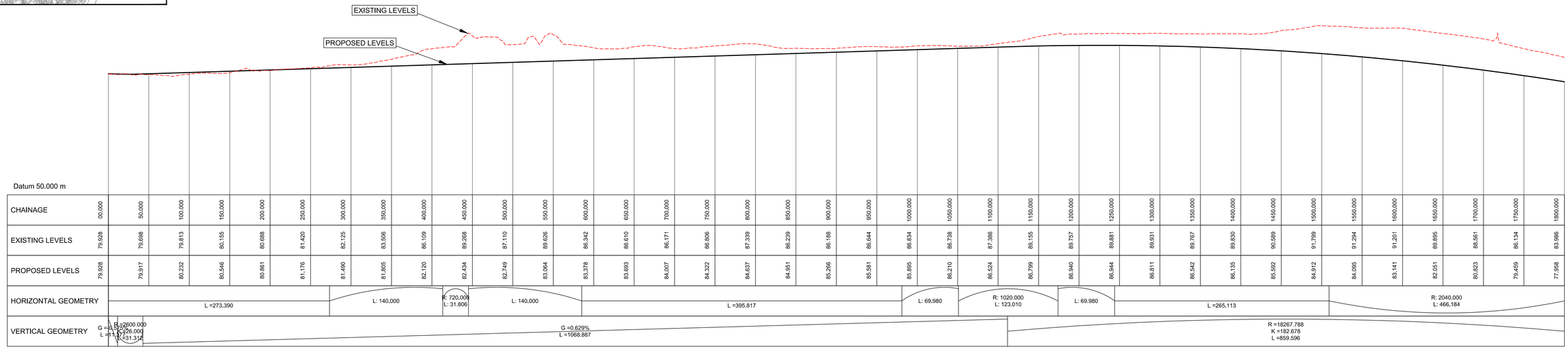


DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





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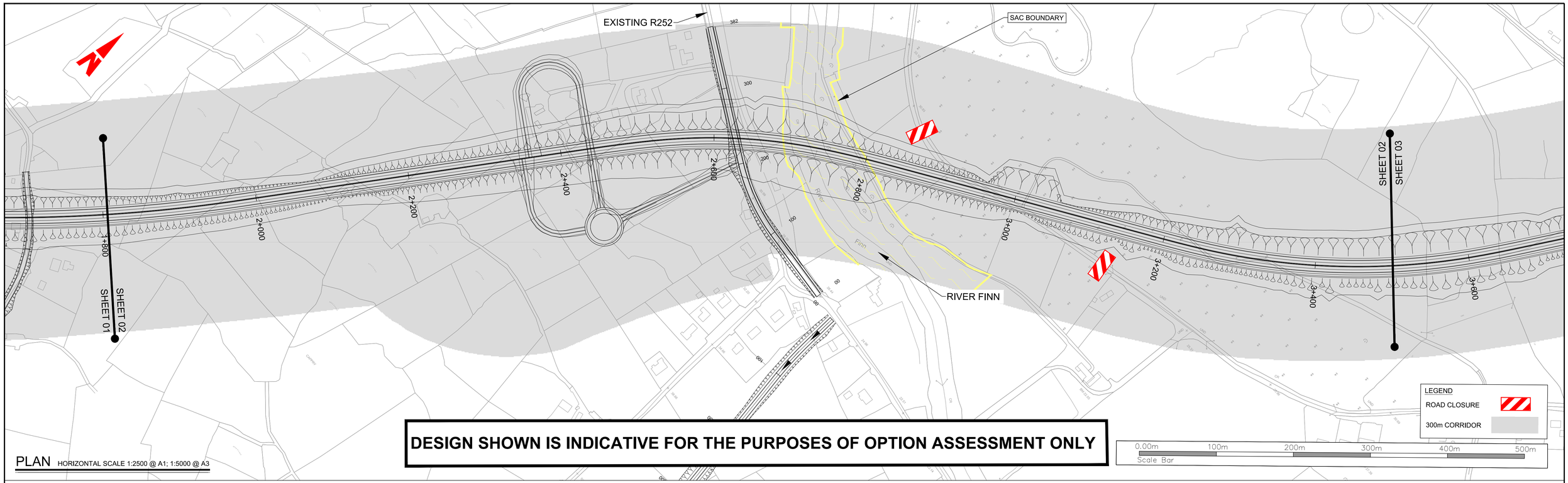
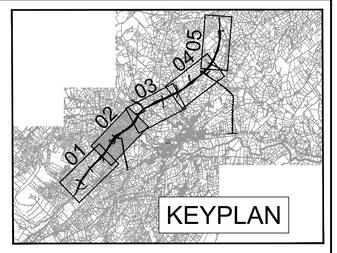
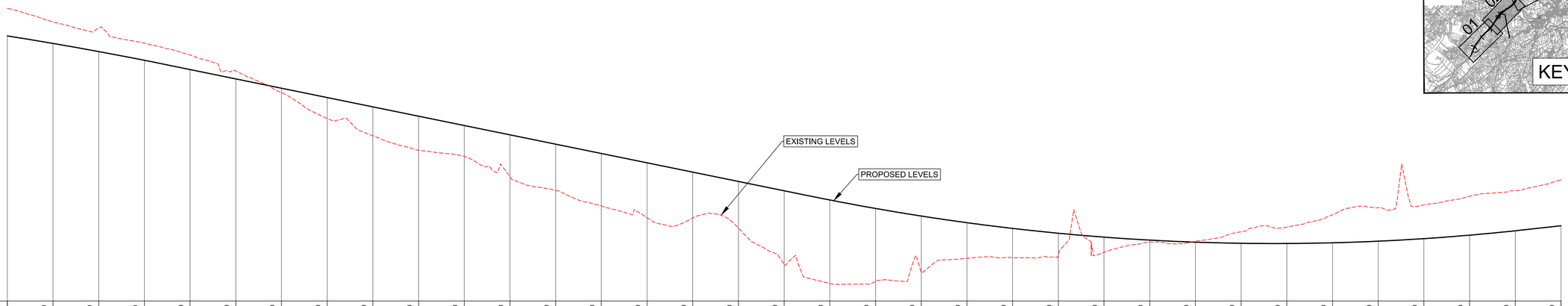


DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 20.000 m

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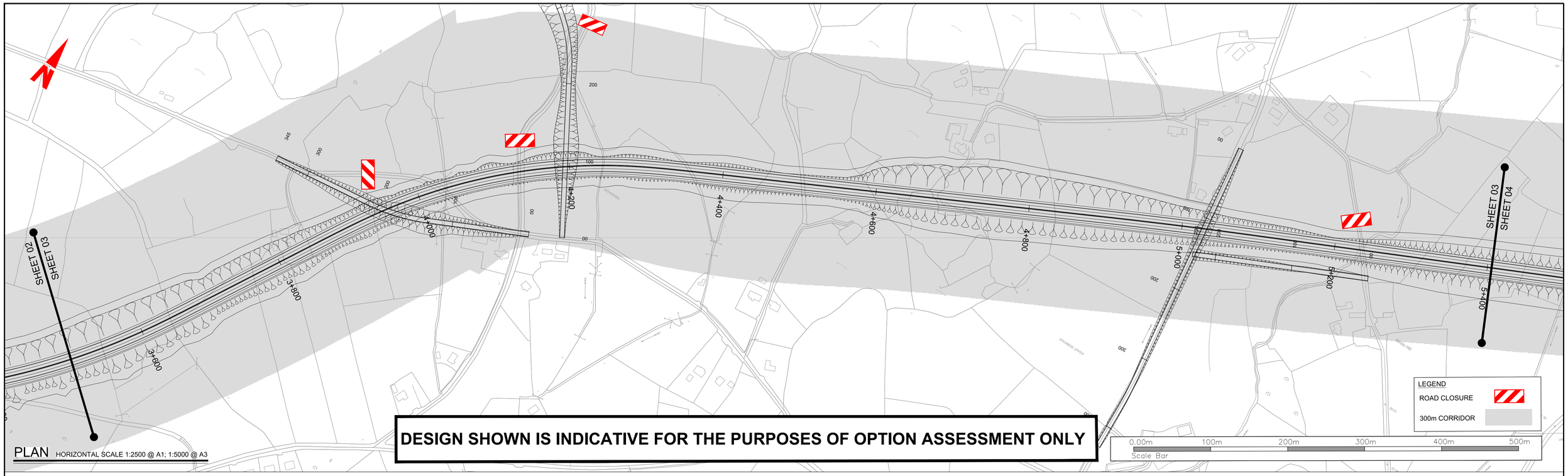
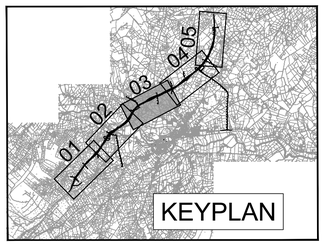
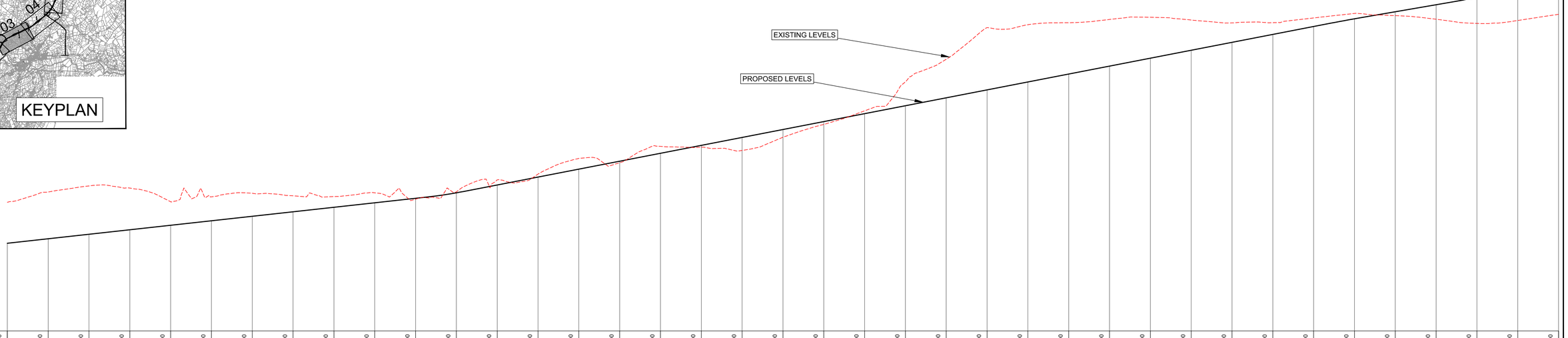


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





Datum 15.000 m

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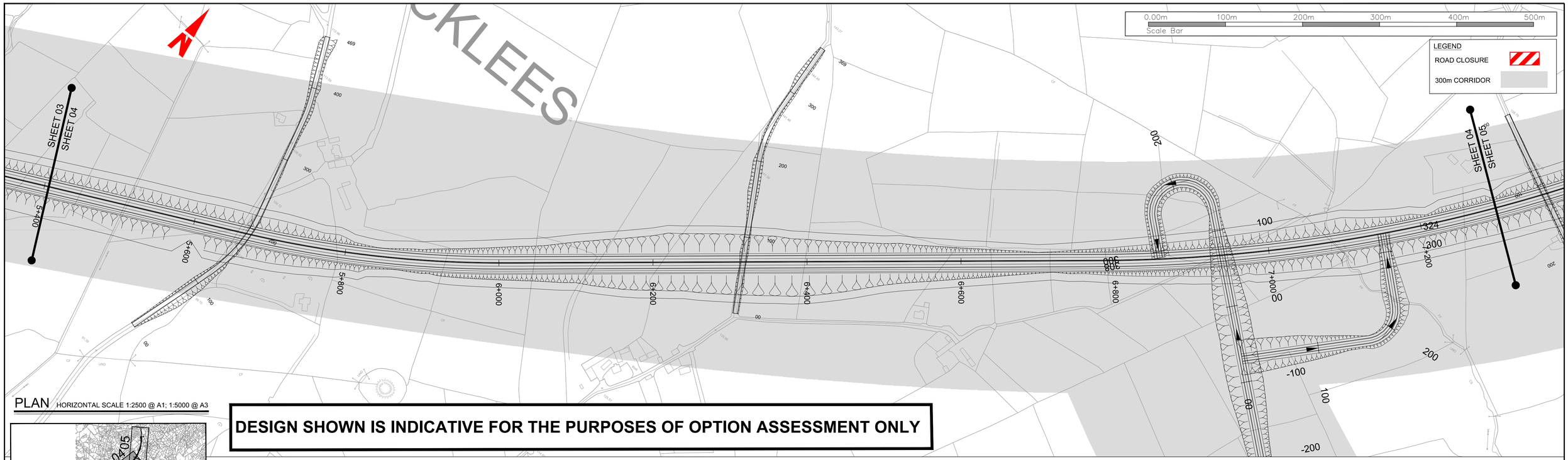
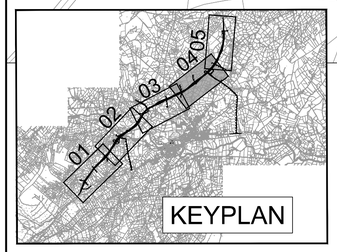
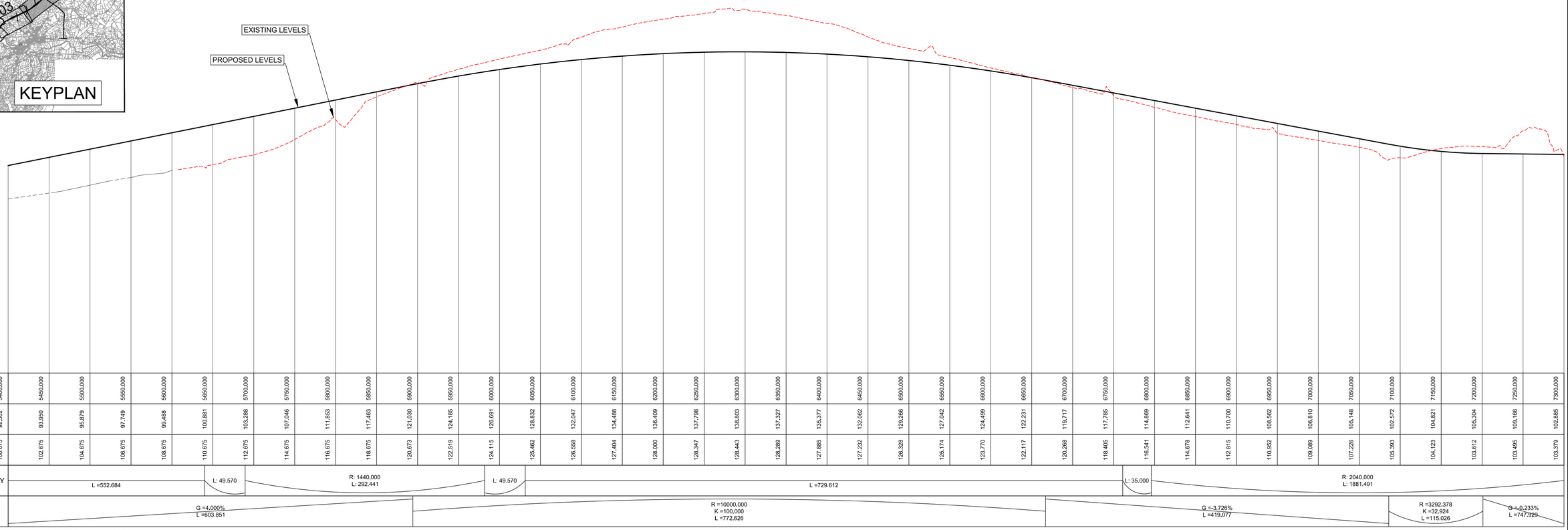


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





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DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

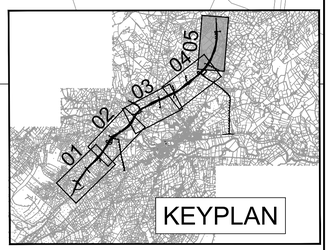
0.00m 100m 200m 300m 400m 500m
Scale Bar

LEGEND
ROAD CLOSURE
300m CORRIDOR

SHEET 04
SHEET 05

EXISTING N13

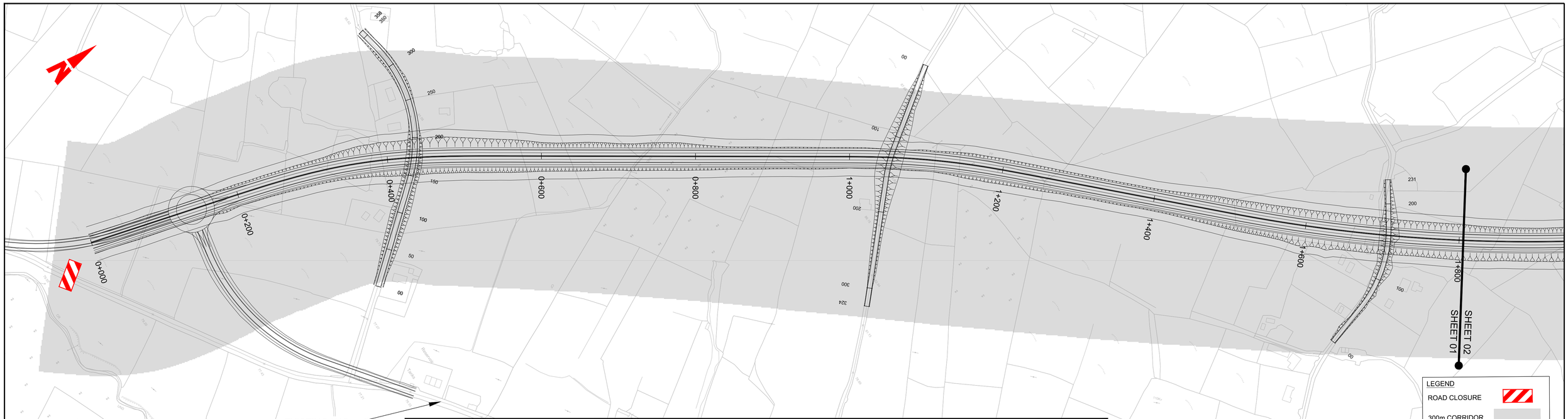
PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



EXISTING LEVELS
PROPOSED LEVELS

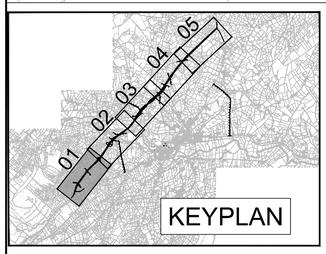
Datum 50.000 m

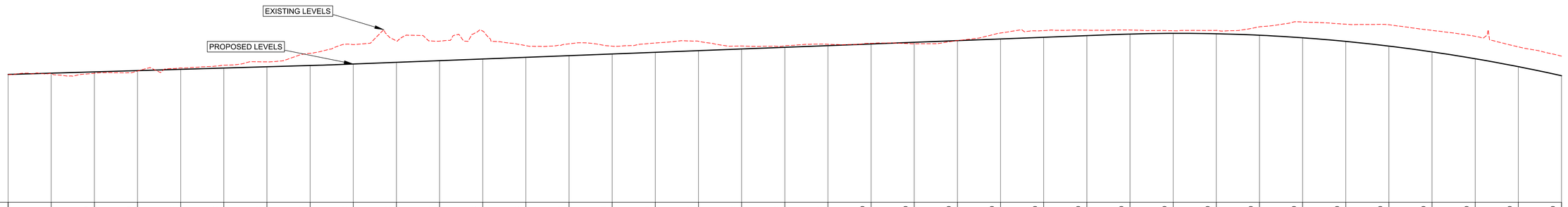
| | | |



DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 50.000 m

CHAINAGE	00.000	50.000	100.000	150.000	200.000	250.000	300.000	350.000	400.000	450.000	500.000	550.000	600.000	650.000	700.000	750.000	800.000	850.000	900.000	950.000	1000.000	1050.000	1100.000	1150.000	1200.000	1250.000	1300.000	1350.000	1400.000	1450.000	1500.000	1550.000	1600.000	1650.000	1700.000	1750.000	1800.000
EXISTING LEVELS	79.629	79.852	79.905	80.423	81.139	81.773	82.536	84.521	86.543	87.421	87.337	89.662	86.302	86.719	86.178	86.908	87.308	86.215	86.262	86.628	86.840	86.743	87.465	89.227	89.783	89.883	89.920	89.755	89.841	90.658	91.777	91.262	91.142	89.836	88.463	86.018	83.870
PROPOSED LEVELS	79.629	79.924	80.220	80.516	80.811	81.107	81.402	81.698	82.048	82.434	82.821	83.207	83.594	83.980	84.366	84.753	85.139	85.525	85.912	86.298	86.685	87.071	87.457	87.844	88.230	88.616	88.982	89.142	89.052	88.712	88.122	87.282	86.192	84.852	83.262	81.422	79.332
HORIZONTAL GEOMETRY		L =175.712		L: 140.000		R: 720.000 L: 89.685		L: 140.000		L =434.596											L: 69.980		R: 1020.000 L: 120.002		L: 69.980		L =266.630						R: 2040.000 L: 466.184			
VERTICAL GEOMETRY		G =0.591% L =360.197						R =10802.204 K =108.022 L =19.686		G =0.773% L =899.926																			R =10000.000 K =100.000 L =581.370					

PROFILE
VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

Bonneagar Iompair Éireann
Transport Infrastructure Ireland

Comhairle Contae Dhún na nGall
Donegal County Council

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NOTES

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	MN	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1C1 PLAN & PROFILE
FIGURE 1C1 SHEET 1 OF 5

Status: S4

Designed: DC	Date: MAR 19	Model File Identifier:	Rev:
Drawn: LM	Scale @ A1: AS SHOWN	N/A	P01
Approved: TP	@ A3: AS SHOWN	File Identifier:	
Checked: EC	Sheet: 01 of 05	TT_MGT0337-RPS-00-ZZ-DR-D-GE0031-01	

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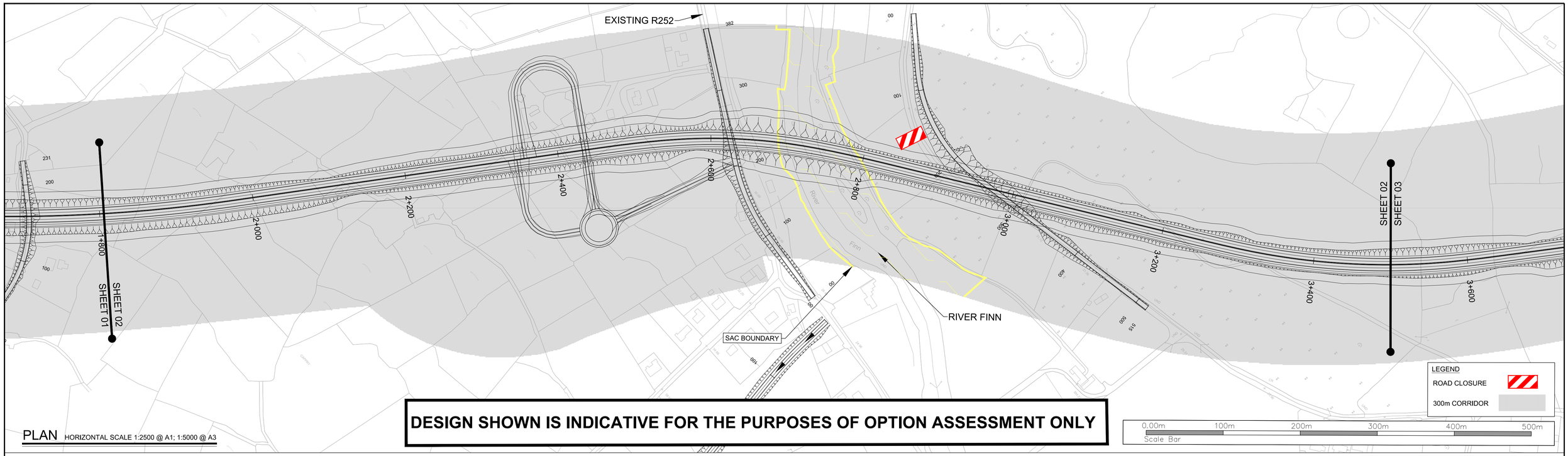
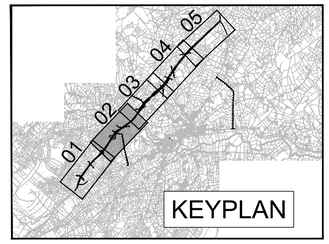
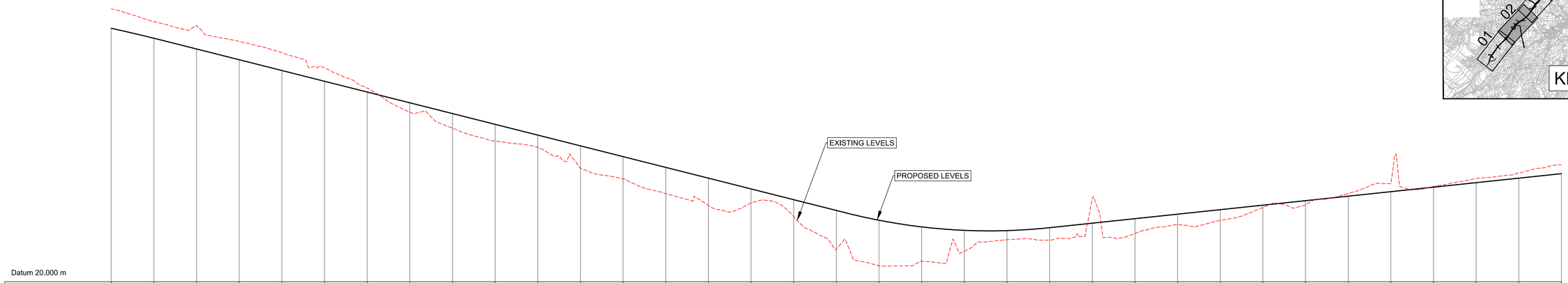


DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 20.000 m

CHAINAGE	1800.000	1850.000	1900.000	1950.000	2000.000	2050.000	2100.000	2150.000	2200.000	2250.000	2300.000	2350.000	2400.000	2450.000	2500.000	2550.000	2600.000	2650.000	2700.000	2750.000	2800.000	2850.000	2900.000	2950.000	3000.000	3050.000	3100.000	3150.000	3200.000	3250.000	3300.000	3350.000	3400.000	3450.000	3500.000
EXISTING LEVELS	83.870	80.874	79.950	76.256	73.638	70.034	65.319	59.721	55.951	52.900	51.446	46.561	44.062	40.608	37.869	38.414	35.227	27.691	23.724	24.823	27.139	29.829	29.744	39.299	31.274	33.337	34.353	37.369	37.992	40.649	42.932	42.291	44.158	45.465	47.361
PROPOSED LEVELS	79.332	76.892	74.478	71.957	69.437	66.917	64.396	61.876	59.355	56.835	54.314	51.794	49.273	46.753	44.232	41.712	38.191	36.671	34.384	32.628	32.020	31.960	32.847	33.701	34.755	35.809	36.863	37.918	38.972	40.026	41.080	42.134	43.188	44.242	45.296
HORIZONTAL GEOMETRY		R: 2040.000 L: 466.184		L =455.904				L: 140.000		R: 720.000 L: 134.108		L: 140.000		L =398.438															L: 80.000		R: 894.665 L: 252.100			
VERTICAL GEOMETRY	R =10000.000 K =100.000 L =581.370		G =-5.041% L =799.395																	R =3343.230 K =33.432 L =239.011									G =2.108% L =808.935					

PROFILE
VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Transport Infrastructure Ireland

Comhairle Contae Dhún na nGall
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	MN	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1C1 PLAN & PROFILE
FIGURE 1C1 SHEET 2 OF 5

Status: S4

Designed: DC	Date: MAR 19	Model File Identifier:	Rev:
Drawn: LM	Scale @ A1: AS SHOWN	N/A	P01
Approved: TP	@ A3: AS SHOWN	File Identifier:	
Checked: EC	Sheet: 02 of 05	TT_MGT0337-RPS-00-ZZ-DR-D-GE0031-02	

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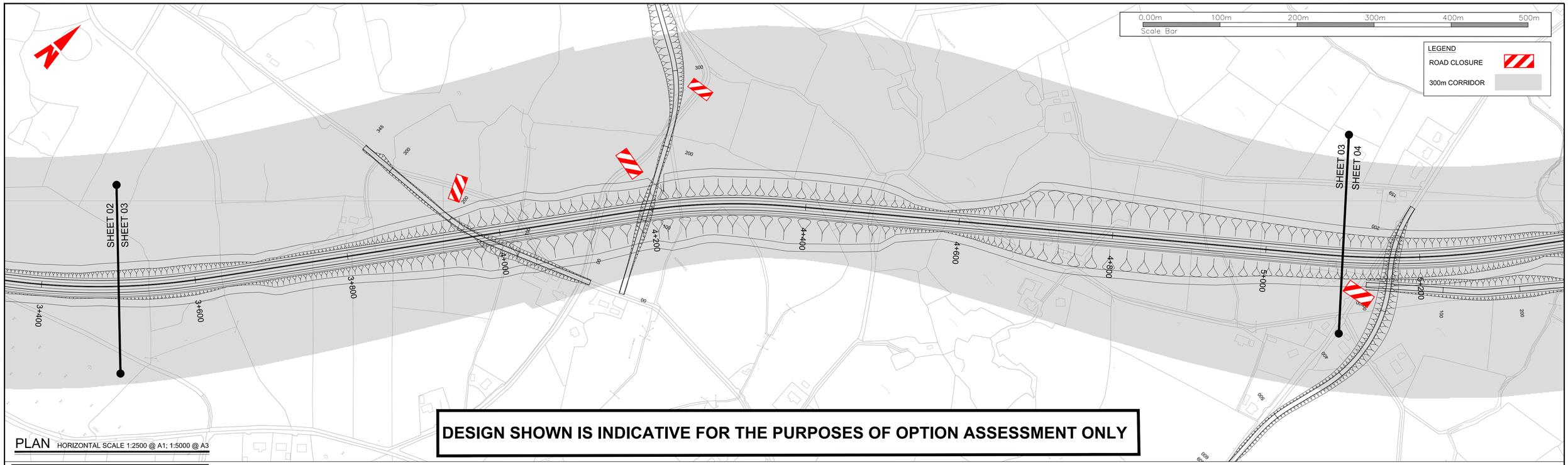
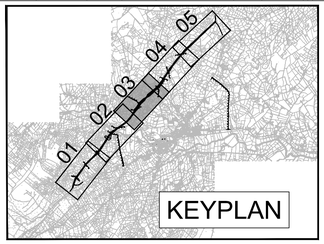
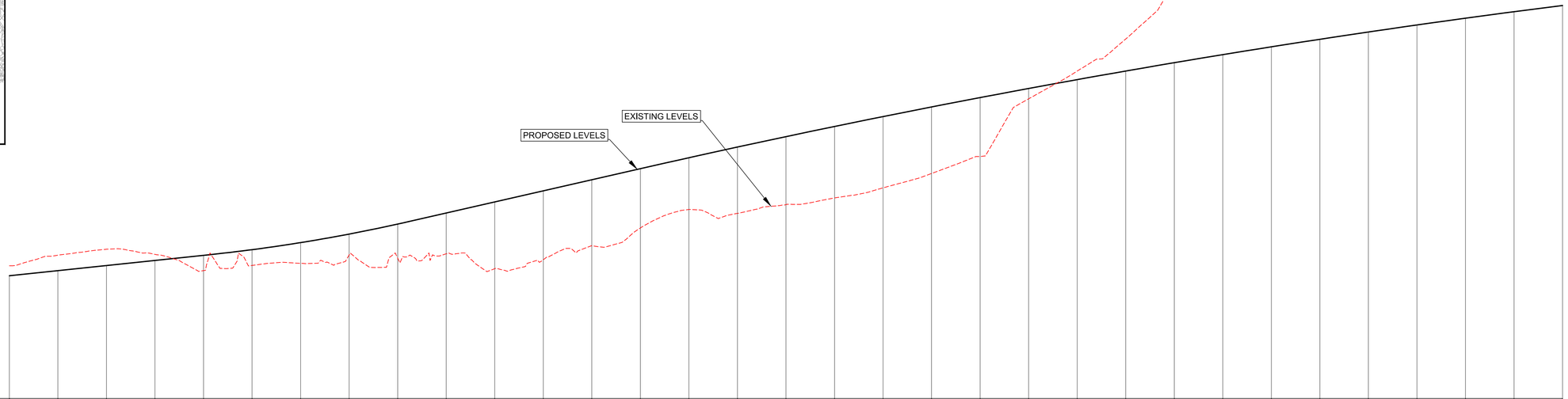


DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 20.000 m

CHAINAGE	3500.000	3550.000	3600.000	3650.000	3700.000	3750.000	3800.000	3850.000	3900.000	3950.000	4000.000	4050.000	4100.000	4150.000	4200.000	4250.000	4300.000	4350.000	4400.000	4450.000	4500.000	4550.000	4600.000	4650.000	4700.000	4750.000	4800.000	4850.000	4900.000	4950.000	5000.000	5050.000	5100.000
EXISTING LEVELS	47.361	49.531	50.767	49.702	46.362	47.417	47.862	49.612	48.945	49.832	46.767	48.605	51.462	55.144	58.958	58.155	59.970	61.337	63.414	66.384	69.896	81.773	87.486	94.105	105.783	110.003	110.006	110.006	109.998	109.976	109.990	109.920	110.000
PROPOSED LEVELS	45.296	46.350	47.404	48.458	49.512	50.671	52.129	53.889	55.953	58.230	60.516	62.801	65.086	67.372	69.627	71.828	73.976	76.069	78.109	80.095	82.027	83.906	85.730	87.501	89.218	90.881	92.491	94.046	95.548	96.996	98.390	99.730	101.017
HORIZONTAL GEOMETRY		R: 894.665 L: 252.100	L: 80.000	L =482.263											L: 88.000	R: 817.000 L: 113.603	L: 88.000	L =610.534															L: 70.000	
VERTICAL GEOMETRY		G =2.108% L =808.935			R =8247.943 K =82.479 L =203.118					G =4.571% L =235.264				R =46461.568 K =464.616 L =1026.354																				

PROFILE
VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	MN	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1C1 PLAN & PROFILE
FIGURE 1C1 SHEET 3 OF 5

Status: S4

Designed: DC	Date: MAR 19	Model File Identifier:	Rev:
Drawn: LM	Scale @ A1: AS SHOWN	N/A	P01
Approved: TP	@ A3: AS SHOWN	File Identifier:	
Checked: EC	Sheet: 03 of 05	TT_MGT0337-RPS-00-ZZ-DR-D-GE0031-03	

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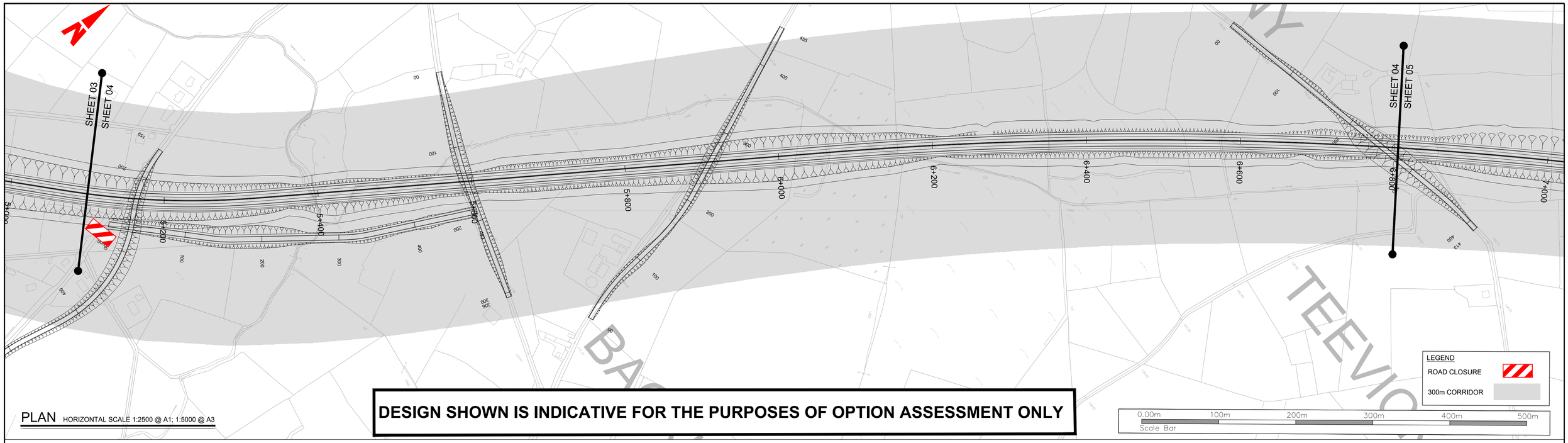
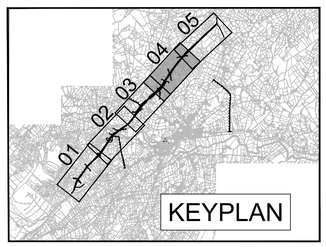
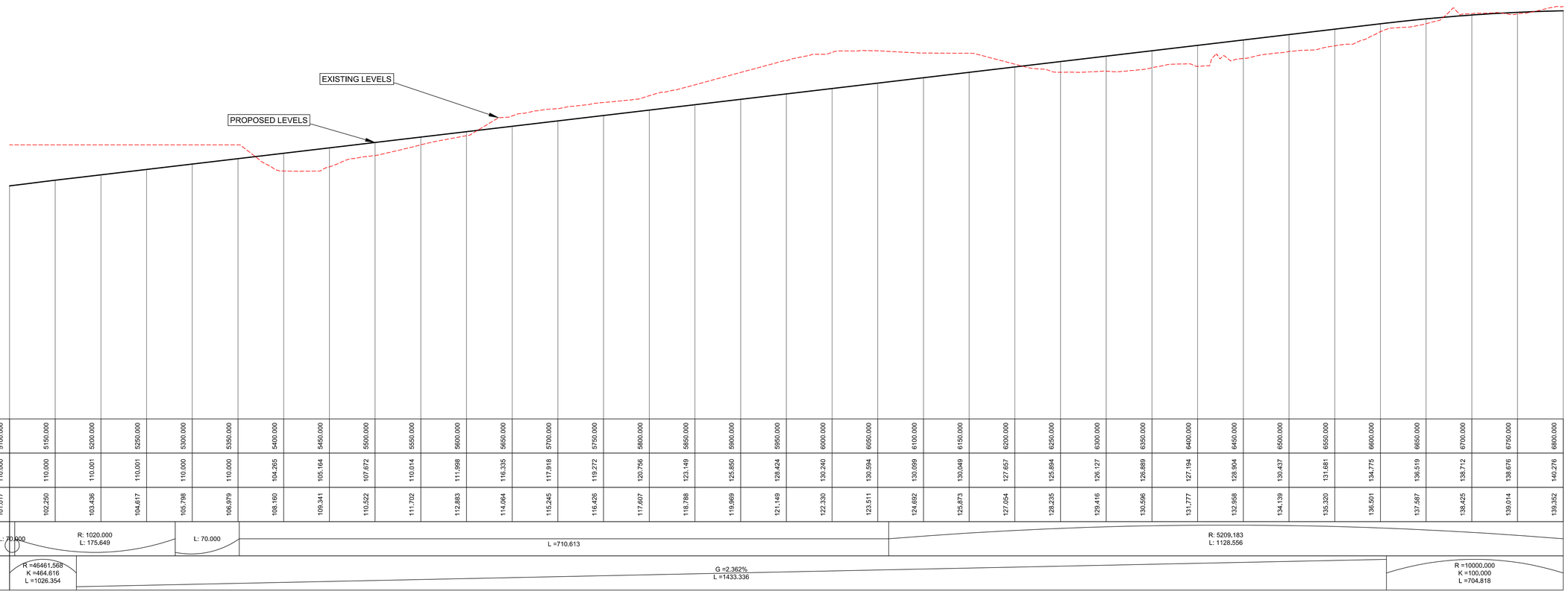


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





Datum 50.000 m

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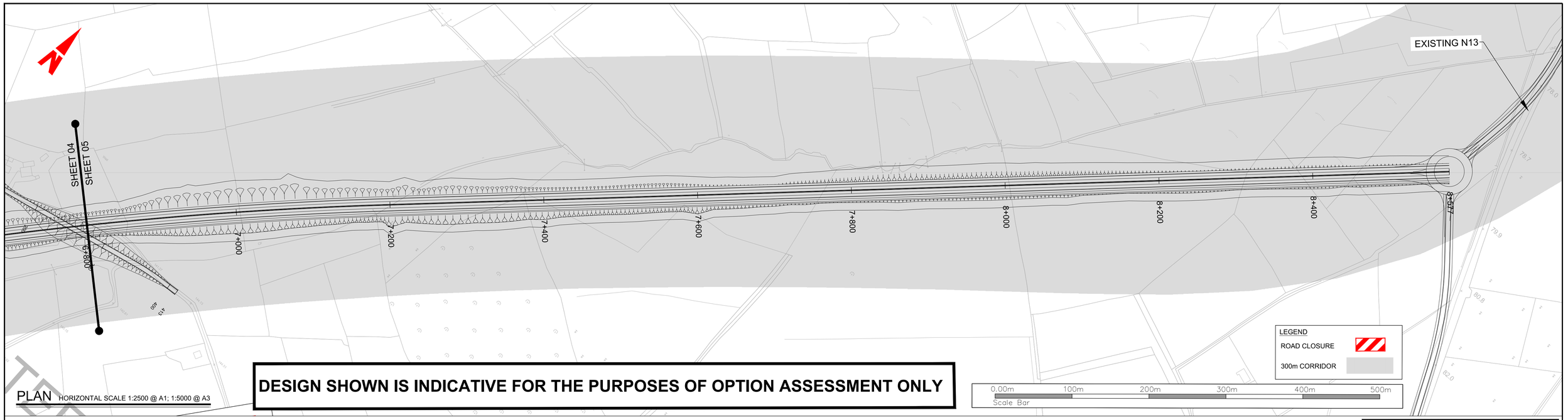

PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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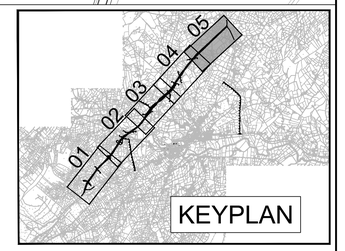

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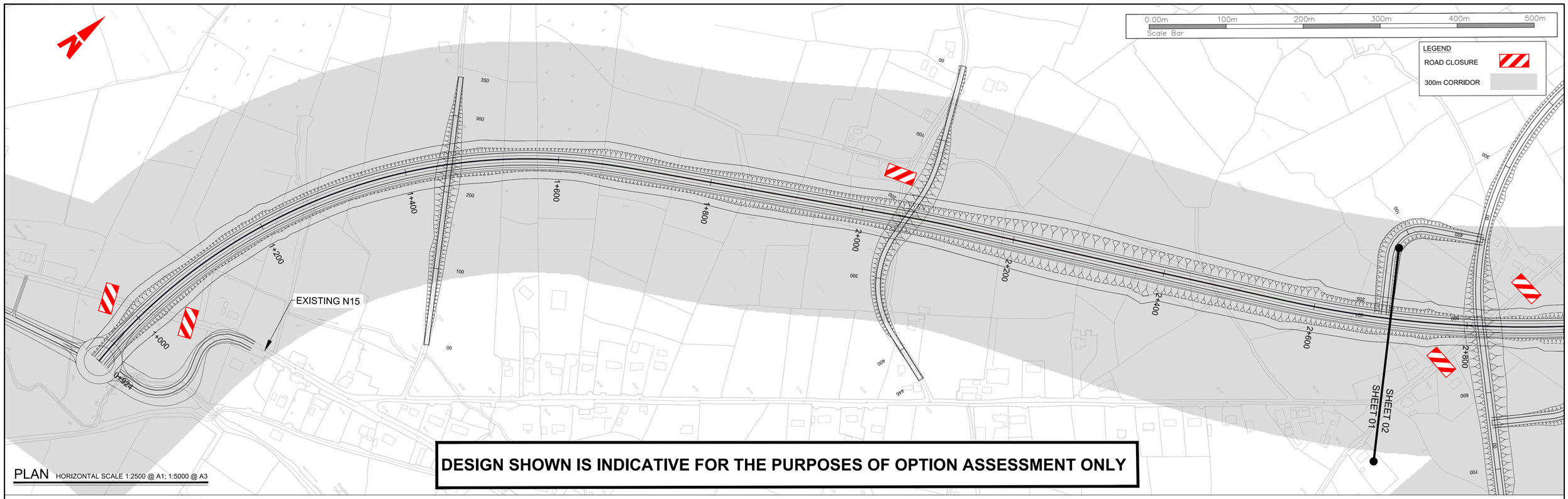

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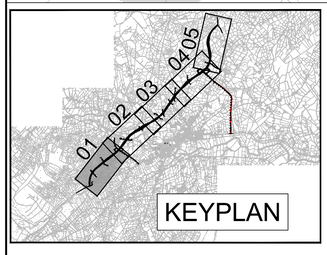
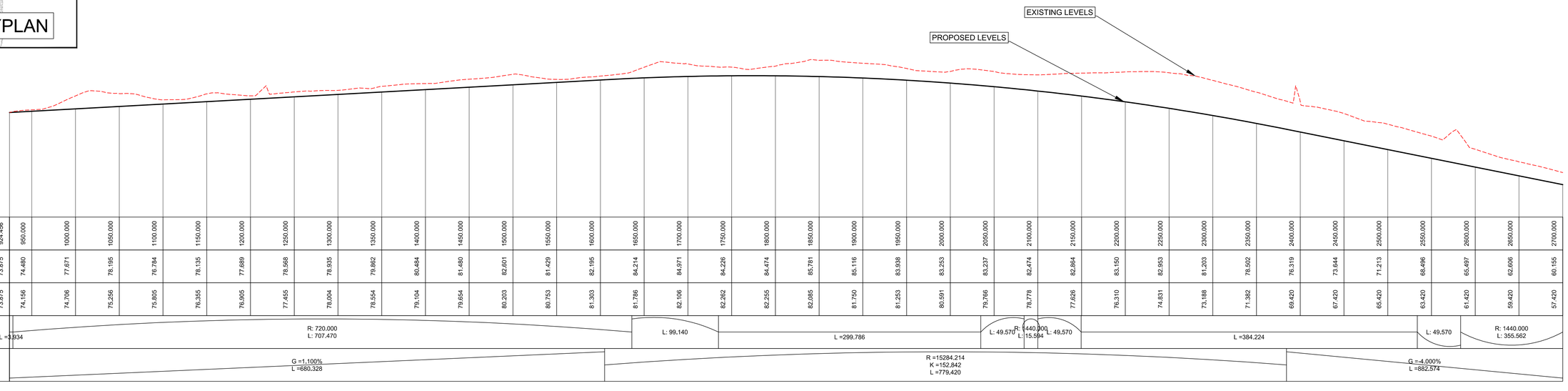
PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 50.000 m

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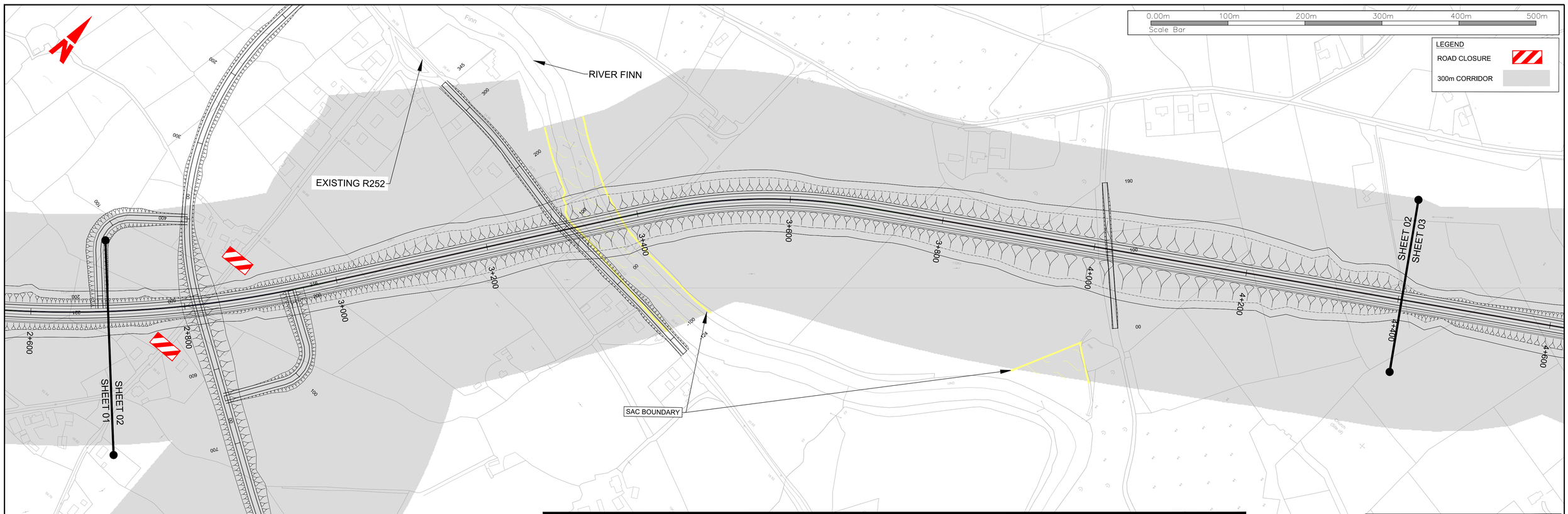
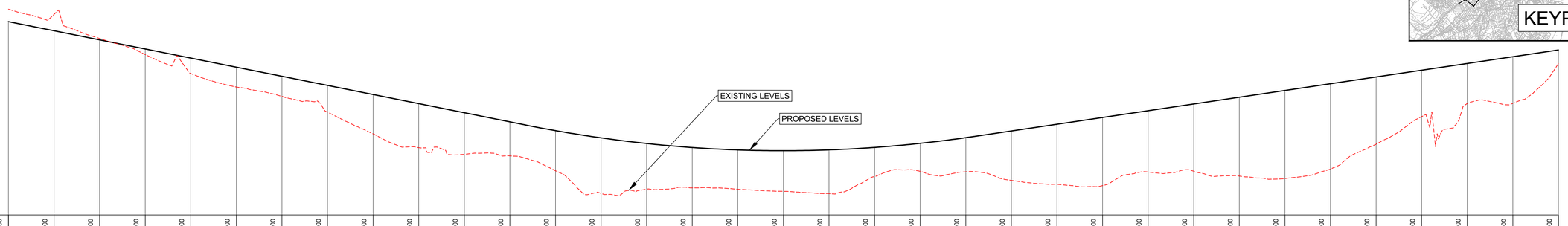


PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



Datum 15.000 m

CHAINAGE	2700.000	2750.000	2800.000	2850.000	2900.000	2950.000	3000.000	3050.000	3100.000	3150.000	3200.000	3250.000	3300.000	3350.000	3400.000	3450.000	3500.000	3550.000	3600.000	3650.000	3700.000	3750.000	3800.000	3850.000	3900.000	3950.000	4000.000	4050.000	4100.000	4150.000	4200.000	4250.000	4300.000	4350.000	4400.000
EXISTING LEVELS	60.155	59.015	53.718	50.196	46.023	43.067	41.020	37.543	32.788	29.770	28.305	27.952	24.703	19.725	20.646	20.941	20.637	20.188	19.680	23.437	24.573	24.463	22.581	21.738	21.434	24.423	24.589	23.531	22.979	25.074	30.525	36.577	39.467	39.499	48.216
PROPOSED LEVELS	57.420	55.420	53.420	51.420	49.420	47.420	45.420	43.420	41.420	39.420	37.420	35.420	33.498	31.911	30.677	29.797	29.271	29.099	29.282	29.818	30.708	31.952	33.429	34.911	36.393	37.875	39.358	40.840	42.322	43.804	45.286	46.768	48.250	49.732	51.214
HORIZONTAL GEOMETRY	R: 1440.000 L: 355.562						L: 49.570	L =375.880							L: 99.140	R: 720.000 L: 180.227					L: 99.140	L =870.783												
VERTICAL GEOMETRY	G =-4.000% L =882.574														R =7062.104 K =70.621 L =491.817								G =2.964% L =1129.802											

PROFILE
VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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NOTES

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

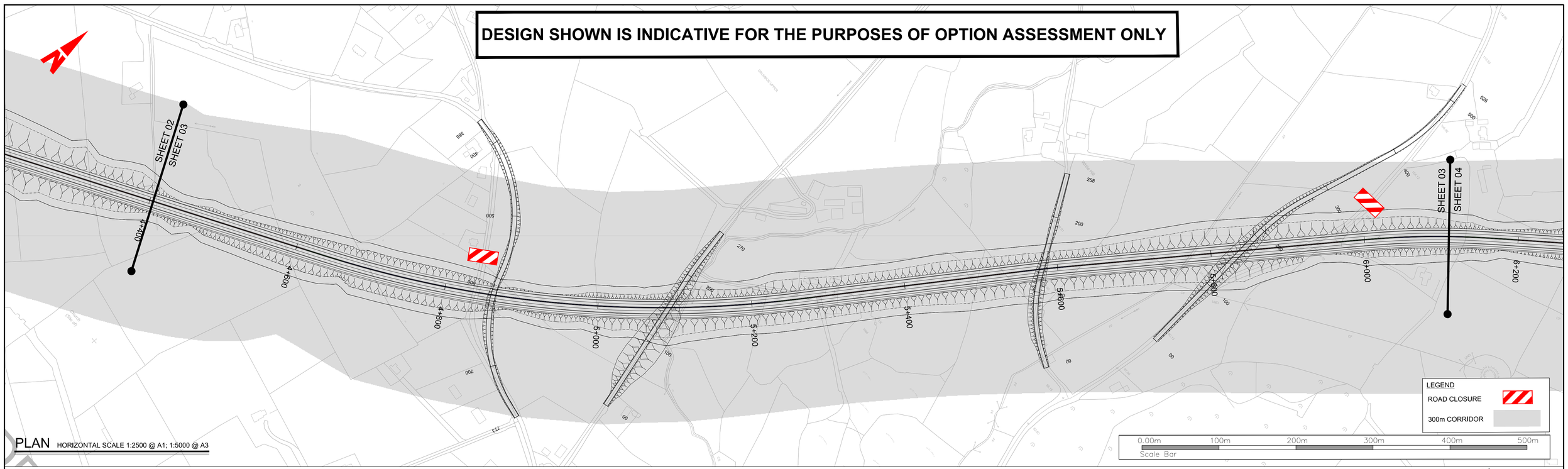
Project Title:
TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1D1 PLAN & PROFILE
FIGURE 1D1 SHEET 2 OF 5

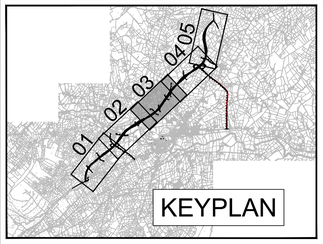
Status: S4

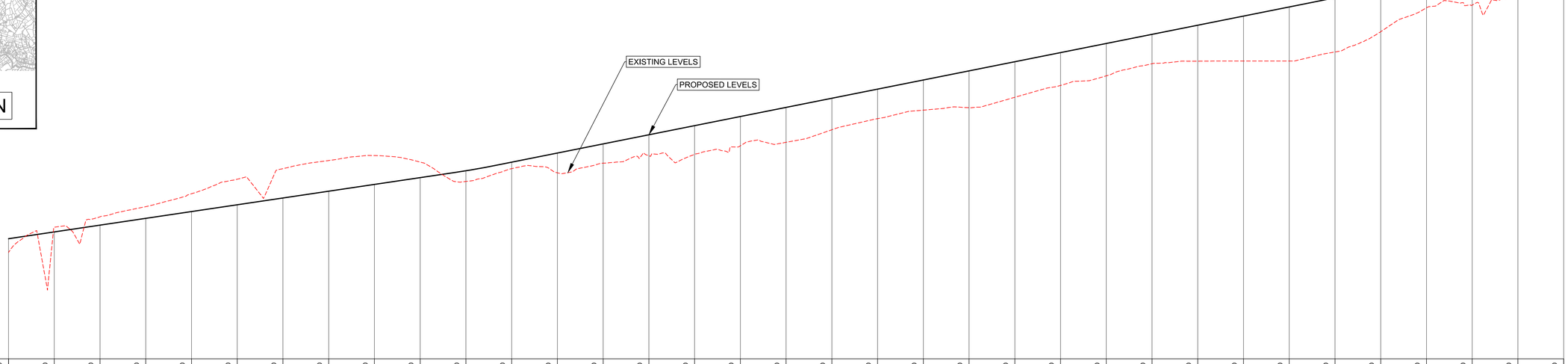
Designed: DC	Date: MAR 19	Model File Identifier:	Rev:
Drawn: LM	Scale @ A1: AS SHOWN	N/A	
Approved: TP	@ A3: AS SHOWN	File Identifier:	P01
Checked: EC	Sheet: 02 of 05	TT_MGT0337-RPS-00-ZZ-DR-D-GE0032-02	

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 25.000 m

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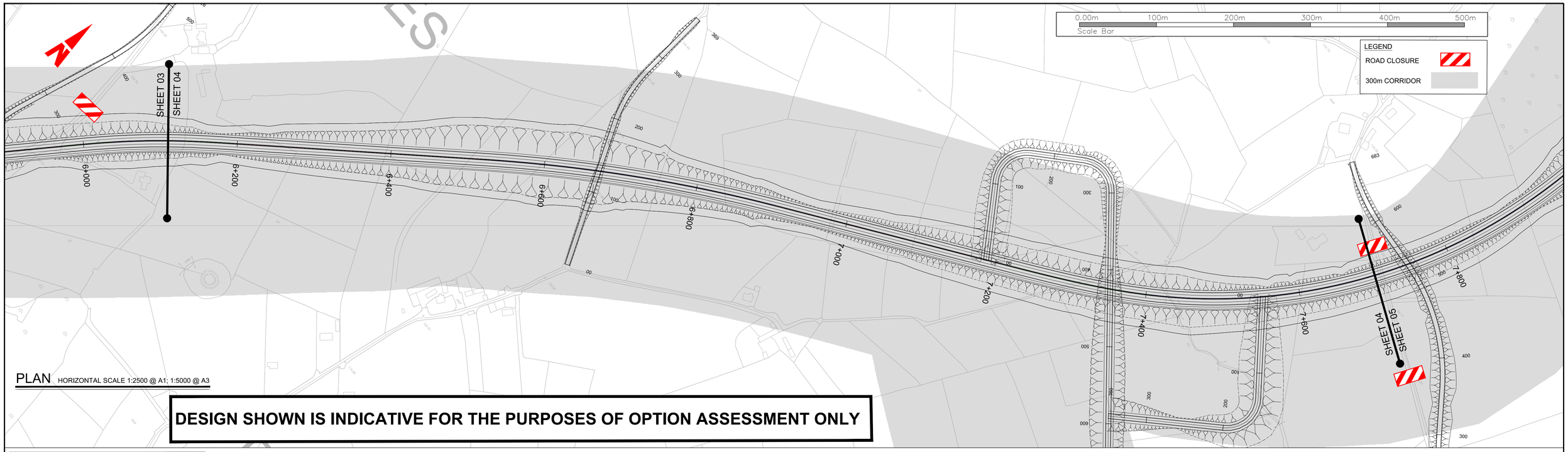
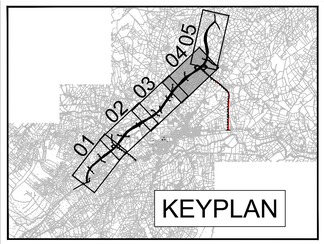
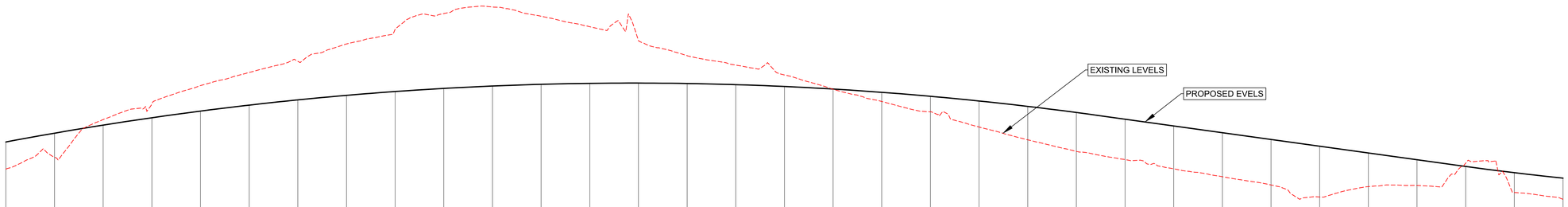


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





Datum 50.000 m

CHAINAGE	6100.000	6150.000	6200.000	6250.000	6300.000	6350.000	6400.000	6450.000	6500.000	6550.000	6600.000	6650.000	6700.000	6750.000	6800.000	6850.000	6900.000	6950.000	7000.000	7050.000	7100.000	7150.000	7200.000	7250.000	7300.000	7350.000	7400.000	7450.000	7500.000	7550.000	7600.000	7650.000	7700.000
EXISTING LEVELS	109.163	110.607	118.322	121.519	125.293	127.974	130.252	133.818	136.805	140.043	141.393	139.494	137.353	134.543	131.418	129.485	127.474	124.533	122.031	119.917	116.785	114.159	111.800	110.123	108.225	106.606	104.917	102.456	104.567	104.814	109.388	103.375	101.969
PROPOSED LEVELS	113.729	115.530	117.185	118.695	120.060	121.279	122.353	123.282	124.065	124.703	125.196	125.543	125.745	125.802	125.713	125.480	125.100	124.576	123.906	123.090	122.130	121.024	119.773	118.400	117.014	115.628	114.242	112.856	111.470	110.084	108.702	107.433	106.318
HORIZONTAL GEOMETRY		R: 1020.000 L: 92.053	L: 69,980	L =321.979				R: 2040.000 L: 384.604										L =303.031					L: 198,270							R: 720.000 L: 648.400							
VERTICAL GEOMETRY		R =17201.917 K =172.019 L =1162.707																					G =-2.772% L =366.297										R =16080.266 K =160.803 L =164.699				

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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NOTES

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1D1 PLAN & PROFILE
FIGURE 1D1 SHEET 4 OF 5

Status: S4

Designed: DC	Date: MAR 19	Model File Identifier:	Rev:
Drawn: LM	Scale @ A1: AS SHOWN	N/A	P01
Approved: TP	@ A3: AS SHOWN	File Identifier:	
Checked: EC	Sheet: 04 of 05	TT_MGT0337-RPS-00-ZZ-DR-D-GE0032-04	

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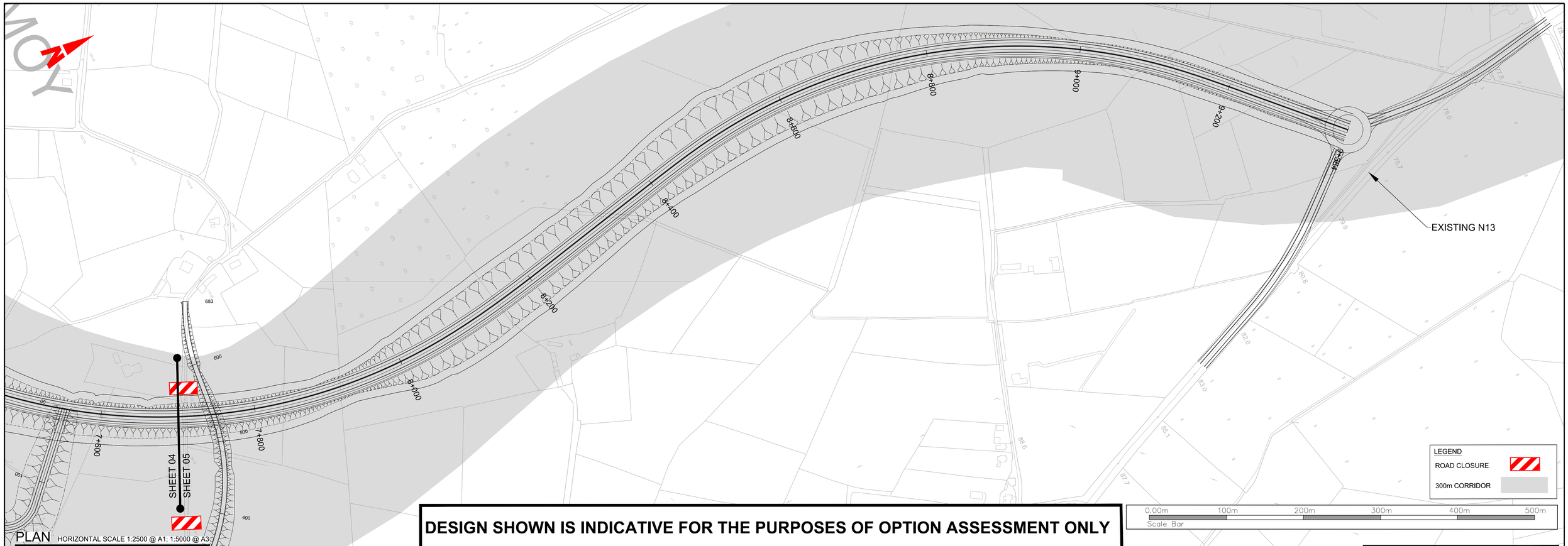
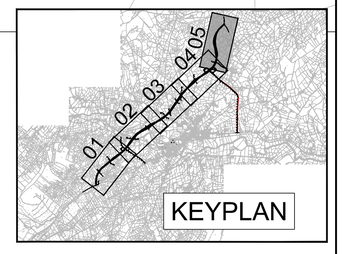
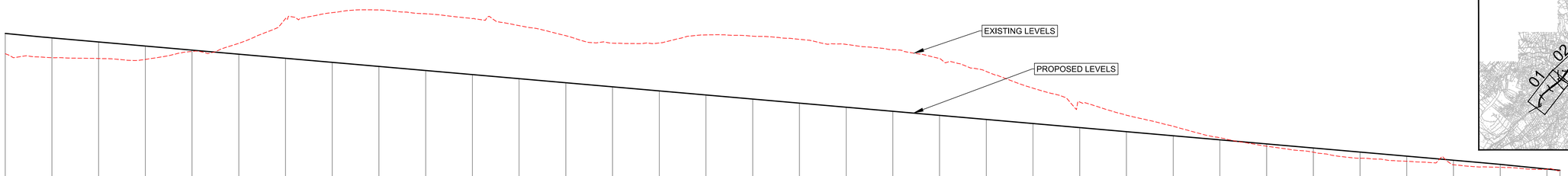


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





Datum 50.000 m

CHAINAGE	7700.000	7750.000	7800.000	7850.000	7900.000	7950.000	8000.000	8050.000	8100.000	8150.000	8200.000	8250.000	8300.000	8350.000	8400.000	8450.000	8500.000	8550.000	8600.000	8650.000	8700.000	8750.000	8800.000	8850.000	8900.000	8950.000	9000.000	9050.000	9100.000	9150.000	9200.000	9250.000	9300.000	9350.000	9383.915
EXISTING LEVELS	101.969	101.110	100.941	100.743	102.462	104.185	105.502	110.760	111.349	110.524	109.498	107.983	106.832	104.232	104.270	105.991	105.720	105.049	103.961	102.831	100.921	98.156	94.583	91.619	88.803	86.438	83.964	82.160	80.875	79.582	78.931	78.174	77.629	77.237	76.990
PROPOSED LEVELS	106.318	105.359	104.485	103.611	102.737	101.863	100.990	100.116	99.242	98.368	97.494	96.620	95.746	94.872	93.998	93.124	92.251	91.377	90.503	89.629	88.755	87.881	87.007	86.133	85.259	84.386	83.512	82.638	81.764	80.890	80.016	79.142	78.255	77.266	76.990
HORIZONTAL GEOMETRY		R: 720.000 L: 648.400							L: 198.270				L =135.861		L: 99.140			R: 720.000 L: 630.995											L: 99.140			L =144.864					
VERTICAL GEOMETRY		R =16080.266 K =160,803 L =164.699	G =-1.748% L =1526.473																															R=16701.822 K =167,018 L =42.123	G =-2.000% L =42.970	

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1D1 PLAN & PROFILE
FIGURE 1D1 SHEET 5 OF 5

Status: S4

Designed: DC | Date: MAR 19 | Model File Identifier: N/A
Drawn: LM | Scale @ A1: AS SHOWN
Approved: TP | @ A3: AS SHOWN | File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0032-05
Checked: EC | Sheet: 05 of 05

Rev: P01

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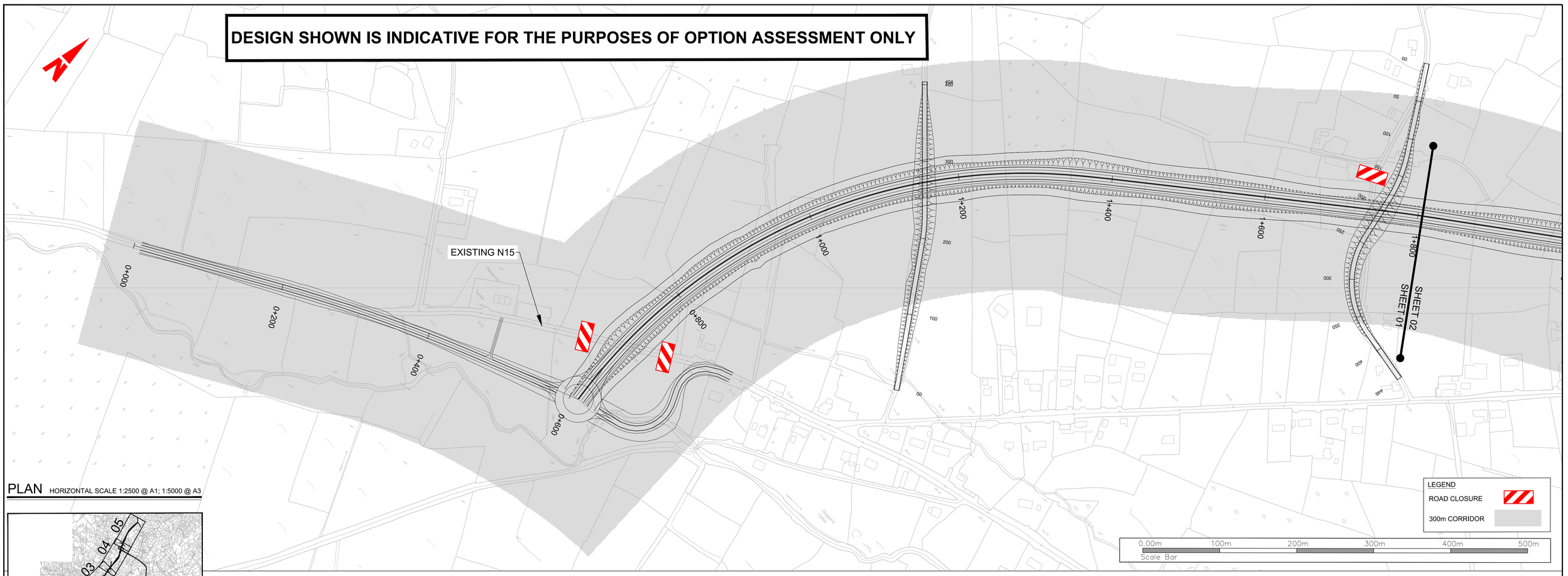
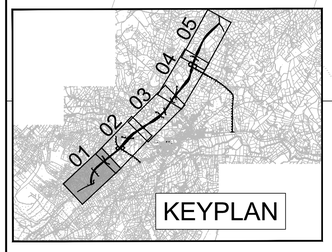
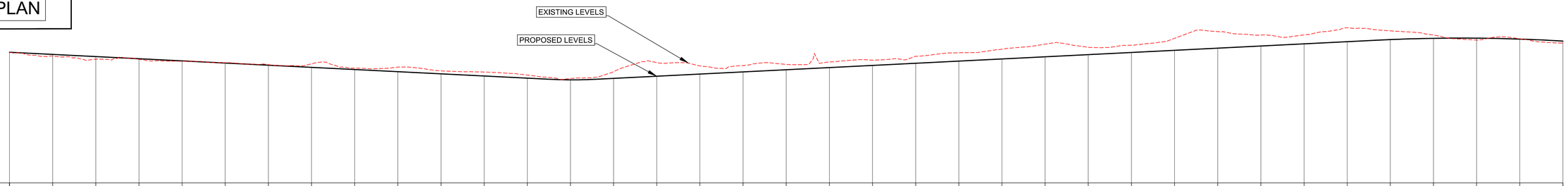


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 50.000 m

CHAINAGE	00.000	50.000	100.000	150.000	200.000	250.000	300.000	350.000	400.000	450.000	500.000	550.000	600.000	650.000	700.000	750.000	800.000	850.000	900.000	950.000	1000.000	1050.000	1100.000	1150.000	1200.000	1250.000	1300.000	1350.000	1400.000	1450.000	1500.000	1550.000	1600.000	1650.000	1700.000	1750.000	1800.000
EXISTING LEVELS	80.274	79.378	78.657	78.629	78.175	77.843	77.399	77.598	76.586	76.817	75.953	75.687	74.986	74.182	75.773	77.890	77.102	77.181	77.458	78.023	78.433	79.319	80.150	80.981	82.144	81.413	81.892	83.496	85.054	84.247	84.284	85.954	85.223	84.268	83.088	83.395	82.400
PROPOSED LEVELS	80.274	79.774	79.274	78.774	78.274	77.774	77.274	76.774	76.274	75.774	75.274	74.774	74.274	73.879	74.221	74.721	75.221	75.721	76.221	76.721	77.221	77.721	78.221	78.721	79.221	79.721	80.221	80.721	81.221	81.721	82.221	82.721	83.206	83.494	83.531	83.319	82.856
HORIZONTAL GEOMETRY		L =195.426		R: 2040.000 L: 273.388			L =142.583	L =9.314		R: 720.000 L: 699.387																	L: 99,140			L =309.952					R: 1400.000 L: 49.570	R: 1400.000 L: 21.725
VERTICAL GEOMETRY		G =-1.000% L =626.627												R =2600.000 K =26.000 L =52.000												G =1.000% L =903.892										R =10000.000 K =100.000 L =500.000

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1E1 PLAN & PROFILE
FIGURE 1E1 SHEET 1 OF 5

Status: S4

Designed: DC	Date: MAR 19	Model File Identifier:	Rev:
Drawn: LM	Scale @ A1: AS SHOWN	N/A	
Approved: TP	@ A3: AS SHOWN	File Identifier:	P01
Checked: EC	Sheet: 01 of 05	TT_MGT0337-RPS-00-ZZ-DR-D-GE0033-01	

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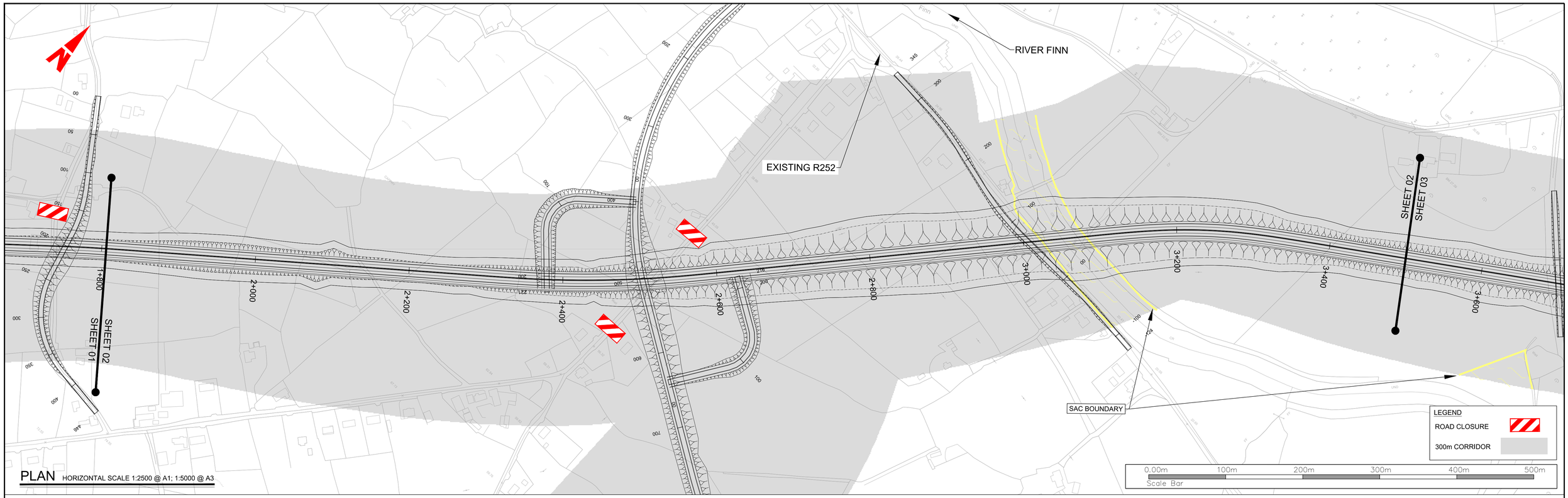
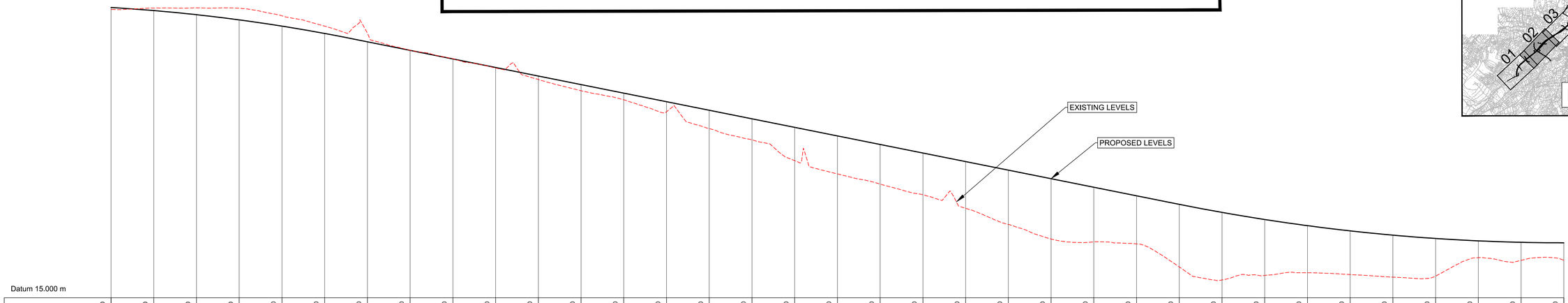


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

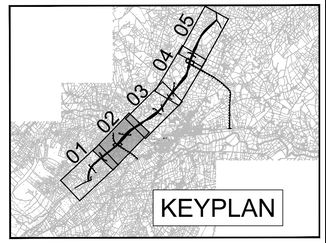
DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



Datum 15.000 m

CHAINAGE	1800.000	1850.000	1900.000	1950.000	2000.000	2050.000	2100.000	2150.000	2200.000	2250.000	2300.000	2350.000	2400.000	2450.000	2500.000	2550.000	2600.000	2650.000	2700.000	2750.000	2800.000	2850.000	2900.000	2950.000	3000.000	3050.000	3100.000	3150.000	3200.000	3250.000	3300.000	3350.000	3400.000	3450.000	3500.000
EXISTING LEVELS	82.400	82.736	82.770	82.681	80.916	78.510	76.897	72.850	70.898	68.705	66.030	63.406	61.267	58.487	54.539	51.931	47.068	43.964	41.589	39.097	35.923	32.146	28.751	28.077	27.604	22.214	19.165	20.234	20.860	20.436	19.839	20.045	24.384	23.753	23.757
PROPOSED LEVELS	82.856	82.144	81.182	79.969	78.507	76.794	74.847	72.847	70.847	68.847	66.847	64.847	62.847	60.847	58.847	56.847	54.847	52.847	50.847	48.847	46.847	44.847	42.847	40.847	38.847	36.847	34.967	33.307	31.868	30.649	29.650	28.872	28.315	27.978	27.862
HORIZONTAL GEOMETRY	L: 49.570	L =470.713										L: 49.570	R: 1440.000 L: 195.084			L: 49.570	L =494.388										L: 99.140	R: 720.000 L: 89.104		L: 99.140	L =913.485				
VERTICAL GEOMETRY	R =10000.000 K =100.000 L =500.000								G =-4.000% L =965.358																								R =11338.359 K =113.384 L =907.089				

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1E1 PLAN & PROFILE
FIGURE 1E1 SHEET 2 OF 5

Status: S4

Designed: DC	Date: MAR 19	Model File Identifier:	Rev:
Drawn: LM	Scale @ A1: AS SHOWN	N/A	P01
Approved: TP	@ A3: AS SHOWN	File Identifier:	
Checked: EC	Sheet: 02 of 05	TT_MGT0337-RPS-00-ZZ-DR-D-GE0033-02	

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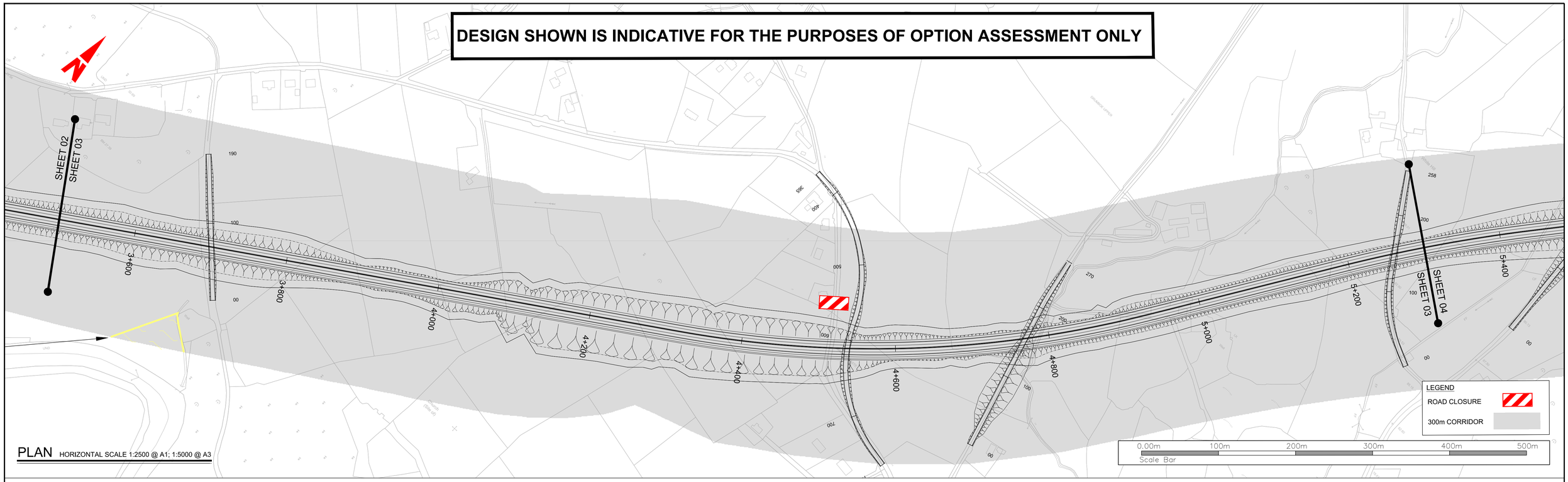
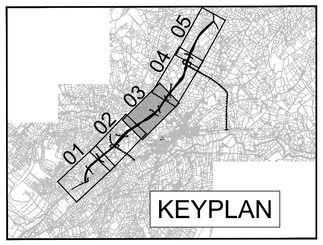
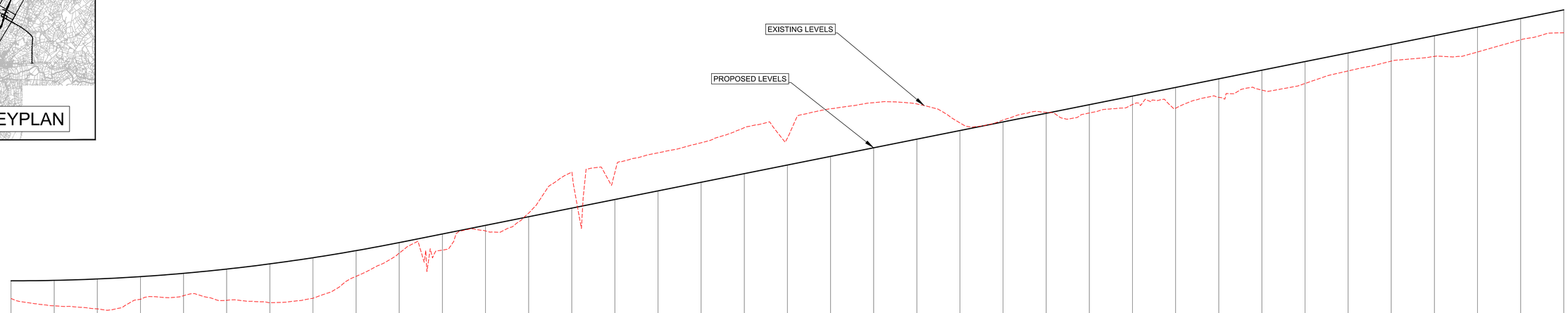


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





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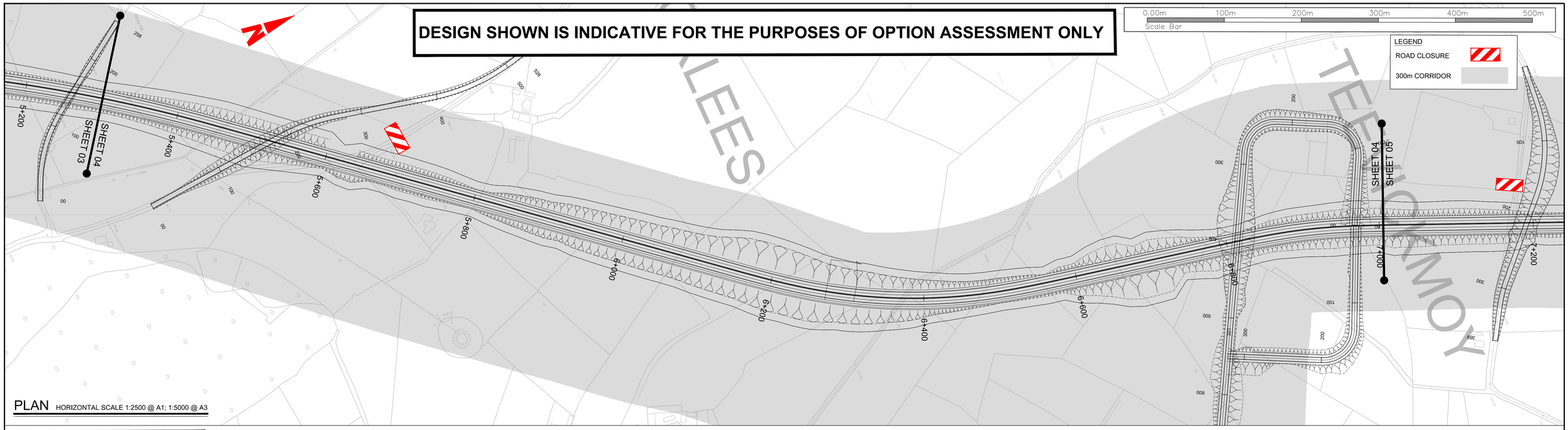
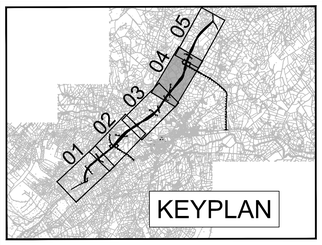
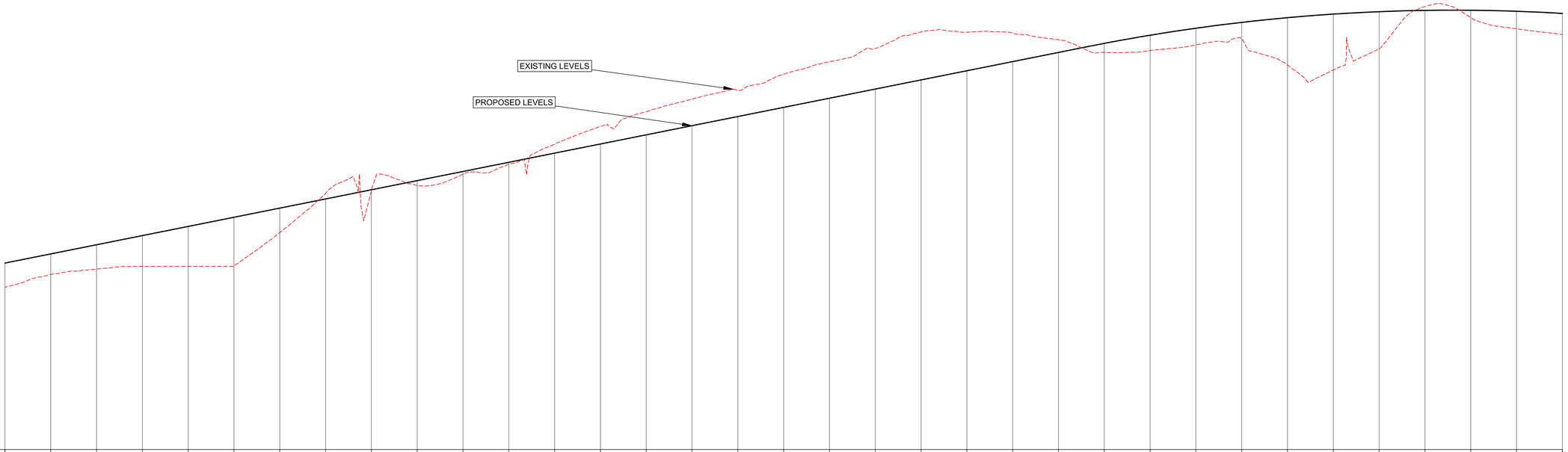


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 50.000 m

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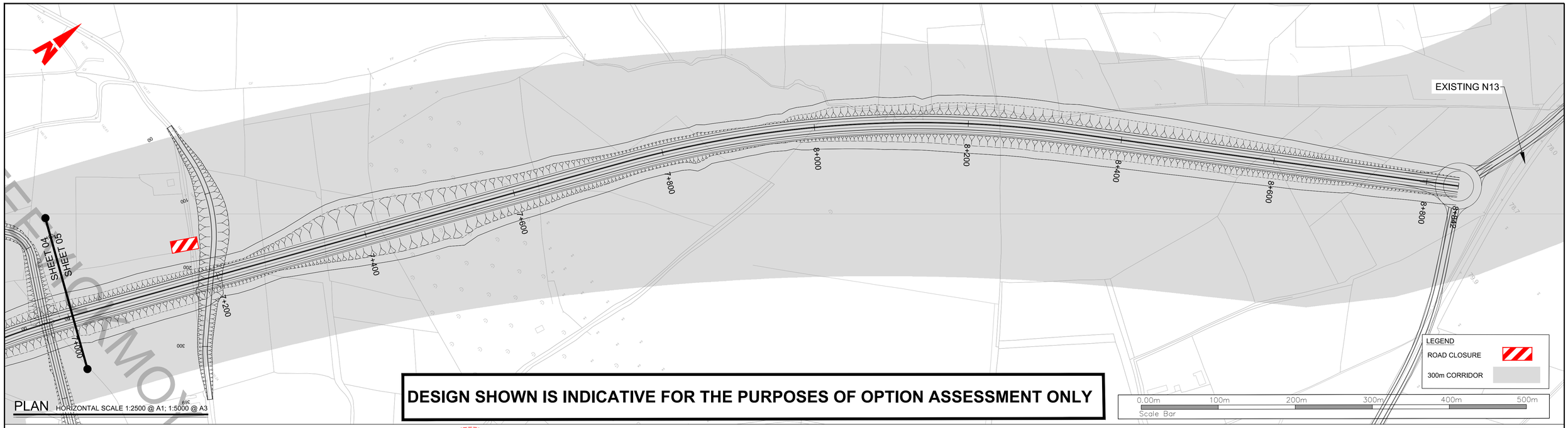

PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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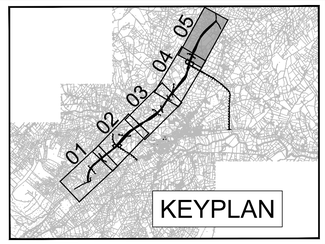

Datum 50.000 m

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EXISTING LEVELS	140.645	141.375	140.228	140.080	139.355	140.439	142.563	143.894	146.738	149.604	146.342	142.383	137.666	133.889	129.797	127.212	122.917	119.915	118.080	115.499	112.875	109.177	106.434	103.249	100.628	97.339	94.522	92.252	90.046	88.474	87.002	85.055	83.066	81.431	79.657	78.953	78.729	77.604
PROPOSED LEVELS	145.264	144.544	143.573	142.353	140.882	139.162	137.211	135.214	133.217	131.220	129.223	127.226	125.229	123.232	121.236	119.239	117.242	115.245	113.248	111.251	109.254	107.257	105.260	103.263	101.266	99.269	97.273	95.276	93.279	91.282	89.285	87.288	85.291	83.294	81.302	79.622	78.437	77.604
HORIZONTAL GEOMETRY	L: 99,140	L =692.448														L: 49,570	R: 1440.000 L: 537.286										L: 49,570	L =486.344								
VERTICAL GEOMETRY	R =10000.000 K =100.000 L =799.383	G =-3.994% L =1412.980																																		R =5001.433 K =50.014 L =99.720	G =-2.000% L =48.669	

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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P01	24.10.19	LM	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1E1 PLAN & PROFILE
FIGURE 1E1 SHEET 5 OF 5

Status: S4

Designed: DC | Date: MAR 19 | Model File Identifier: N/A
Drawn: LM | Scale @ A1: AS SHOWN | @ A3: AS SHOWN
Approved: TP | File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0033-05
Checked: EC | Sheet: 05 of 05

Rev: P01

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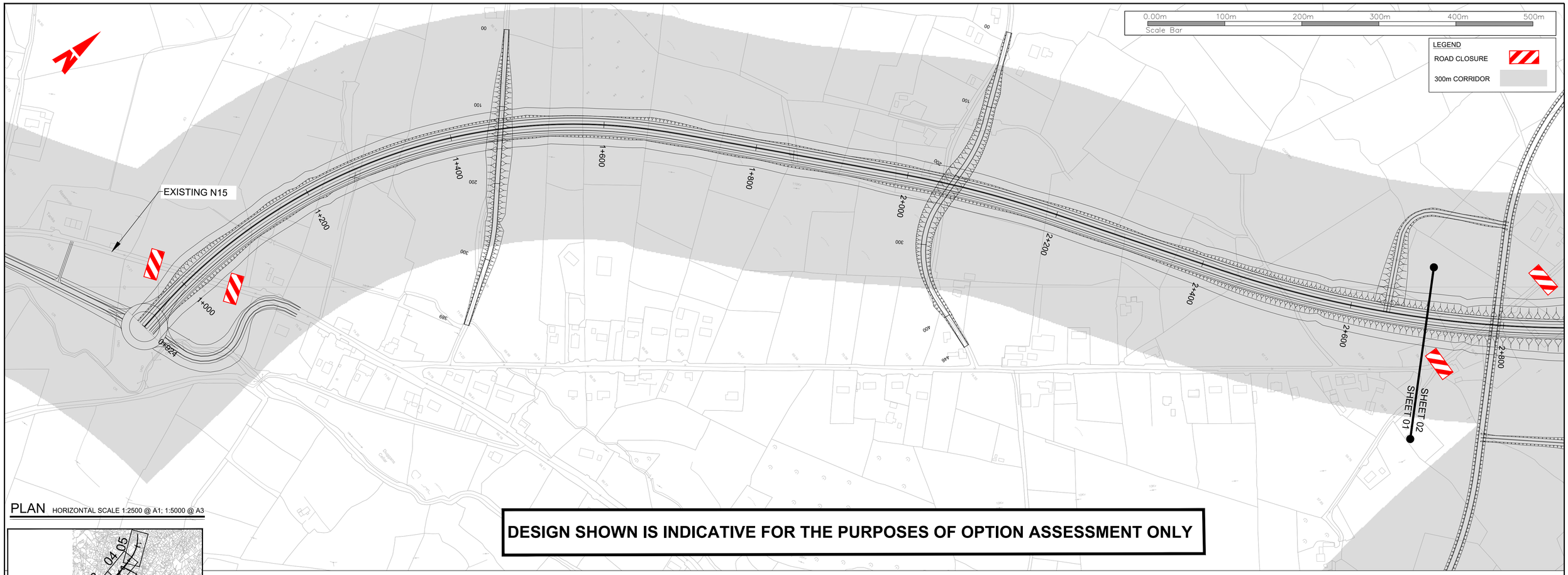
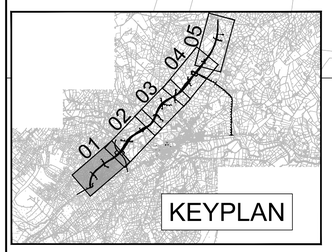
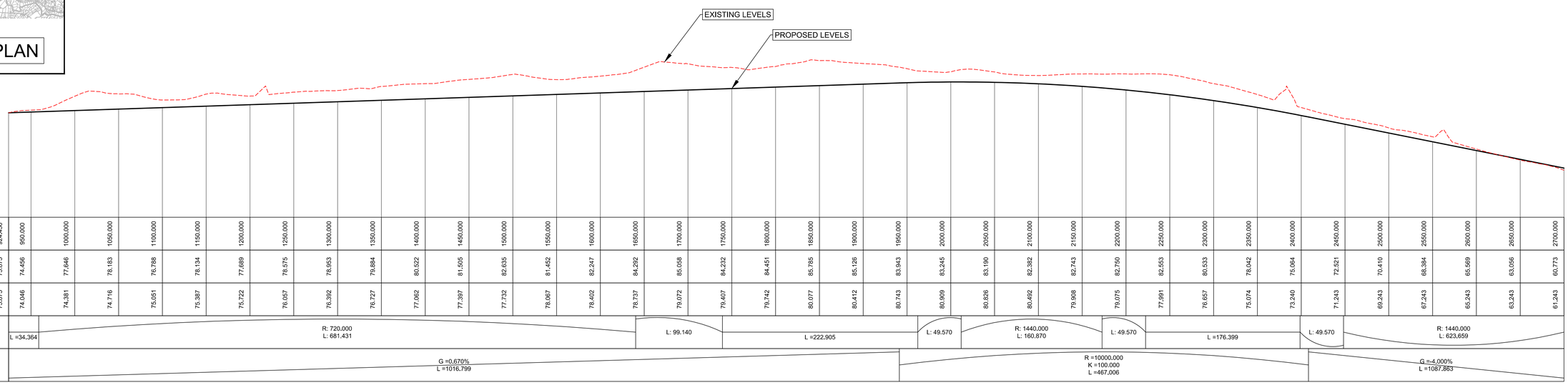


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY





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EXISTING LEVELS	73.875	74.456	77.646	78.183	76.788	78.134	77.689	78.575	78.953	79.884	80.522	81.505	82.635	81.452	82.247	84.292	85.058	84.232	84.451	85.785	85.126	83.943	83.245	83.190	82.382	82.743	82.750	82.553	80.533	78.042	75.084	72.521	70.410	68.384	65.569	63.056	60.773			
PROPOSED LEVELS	73.875	74.046	74.381	74.716	75.051	75.387	75.722	76.057	76.392	76.727	77.062	77.397	77.732	78.067	78.402	78.737	79.072	79.407	79.742	80.077	80.412	80.743	80.909	80.826	80.492	79.908	79.075	77.991	76.657	75.074	73.240	71.243	69.243	67.243	65.243	63.243	61.243			
HORIZONTAL GEOMETRY		L =34.364	R: 720.000 L: 681.431														L: 99.140		L =222.905				L: 49.570	R: 1440.000 L: 160.870			L: 49.570		L =176.399			L: 49.570			R: 1440.000 L: 623.659					
VERTICAL GEOMETRY		G =0.670% L =1016.799																					R =10000.000 K =100.000 L =467.006													G =-4.000% L =1087.863					

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3 HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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P01	24.10.19	LM	OPTOIN SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1F1 PLAN & PROFILE
FIGURE 1F1 SHEET 1 OF 5

Status: S4

Designed: DC	Date: MAR 19	Model File Identifier:	Rev:
Drawn: LM	Scale @ A1: AS SHOWN	N/A	
Approved: TP	@ A3: AS SHOWN	File Identifier:	P01
Checked: EC	Sheet: 01 of 05	TT_MGT0337-RPS-00-ZZ-DR-D-GE0034-01	

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EXISTING R252

RIVER FINN

SAC BOUNDARY

SHEET 01

SHEET 02

SHEET 02

SHEET 03

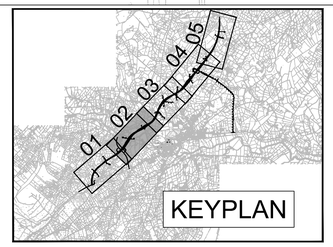
2+600 2+800 3+000 3+200 3+400 3+600 3+800 4+000 4+200 4+400 4+600

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

LEGEND
ROAD CLOSURE
300m CORRIDOR

0.00m 100m 200m 300m 400m 500m
Scale Bar

PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



Datum 15.000 m

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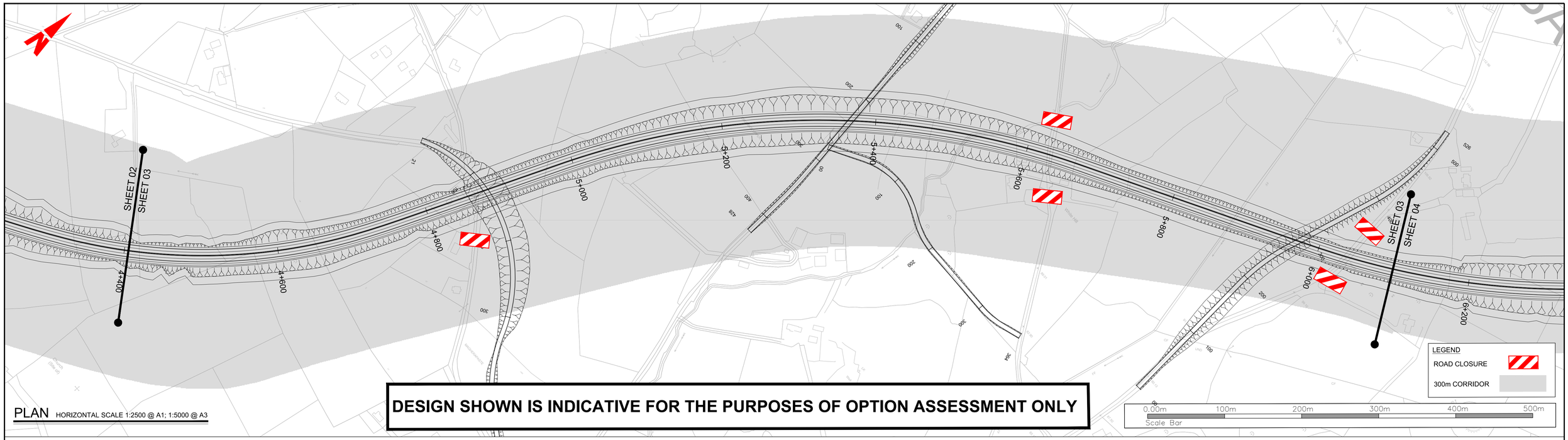

PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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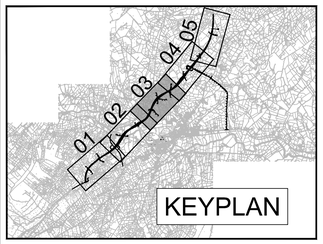

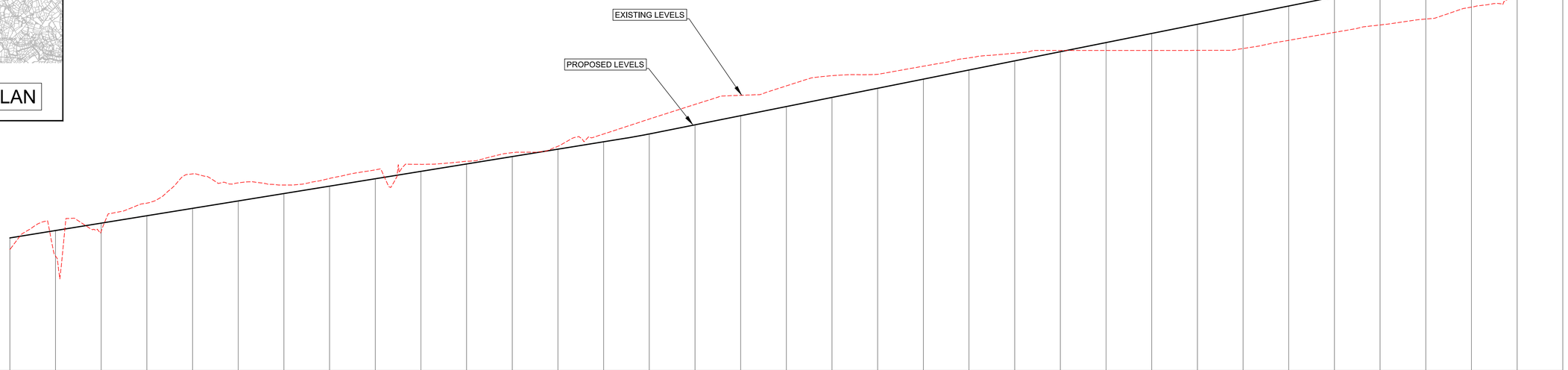

Datum 20.000 m

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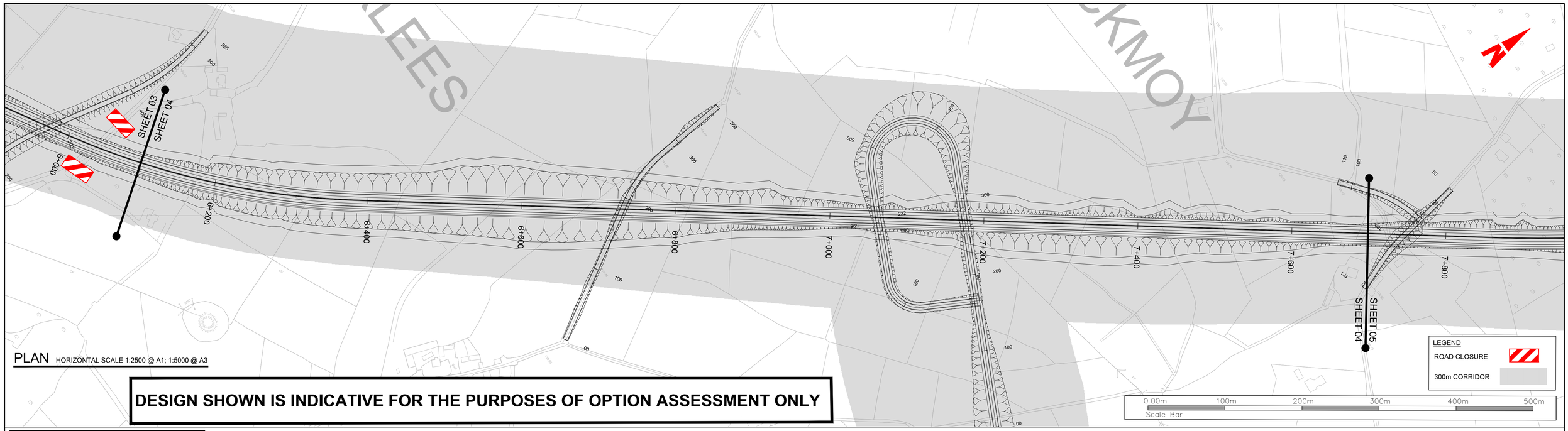

PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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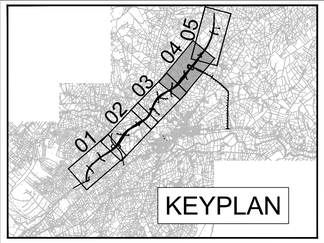

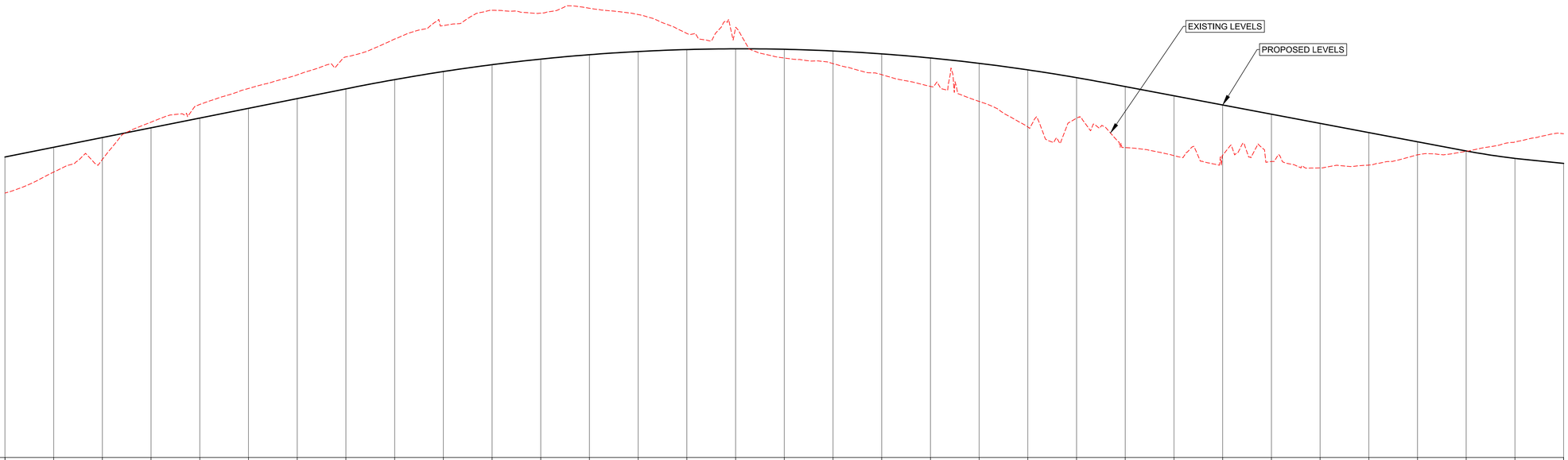

Datum 50.000 m

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EXISTING LEVELS	104.298	108.615	111.208	118.879	122.512	125.788	128.584	132.281	135.943	138.714	141.863	141.270	142.268	140.979	137.102	138.315	132.050	130.907	128.625	126.217	123.131	117.877	116.675	113.649	111.998	112.075	110.789	109.469	110.053	112.160	112.871	114.803	116.506
PROPOSED LEVELS	111.714	113.714	115.714	117.714	119.714	121.714	123.714	125.714	127.616	129.269	130.672	131.826	132.729	133.383	133.786	133.939	133.843	133.496	132.899	132.053	130.956	129.610	128.013	126.180	124.291	122.402	120.513	118.624	116.735	114.846	112.958	111.434	110.496
HORIZONTAL GEOMETRY		R: 1020.000 L: 325.593						L: 69.980		L =1438.221																							
VERTICAL GEOMETRY		G =4.000% L =1353.785								R =10000.000 K =100.000 L =777.788										G =-3.778% L =364.520										R =3700.000 K =37.000 L =65.482	G =-2.008% L =784.883	

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTOIN SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1F1 PLAN & PROFILE
FIGURE 1F1 SHEET 4 OF 5

Status: S4

Designed: DC	Date: MAR 19	Model File Identifier: N/A	Rev: P01
Drawn: LM	Scale @ A1: AS SHOWN		
Approved: TP	@ A3: AS SHOWN	File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0034-04	
Checked: EC	Sheet: 04 of 05		

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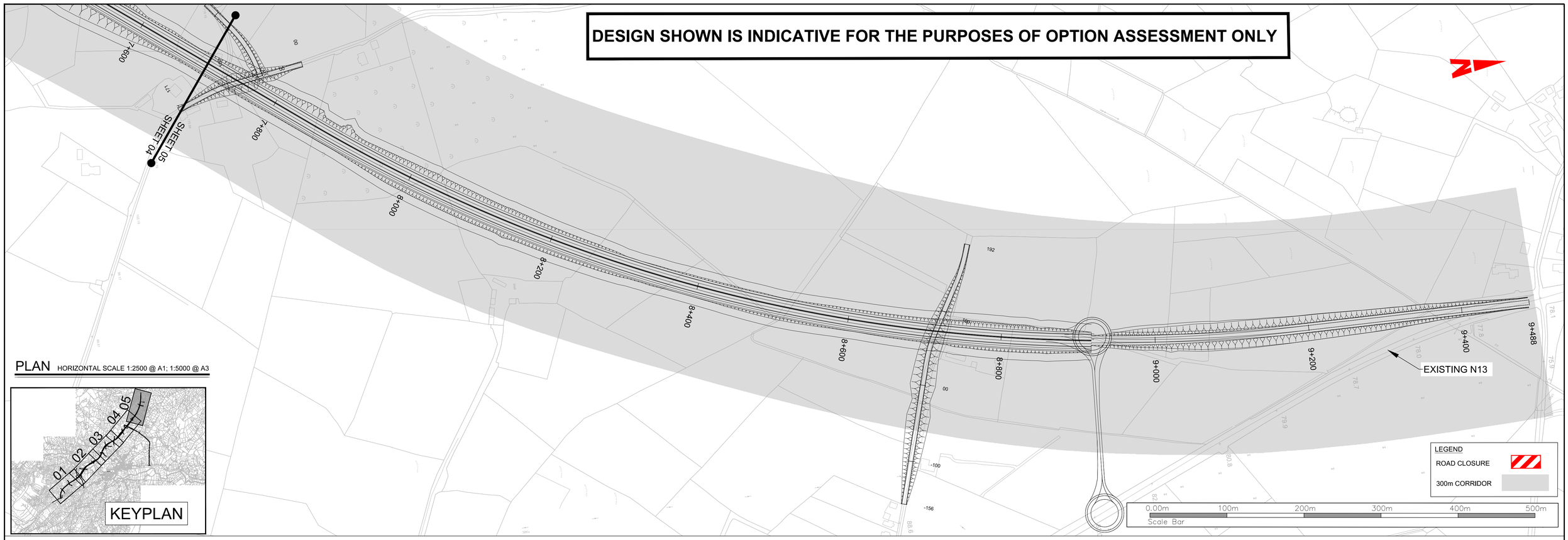
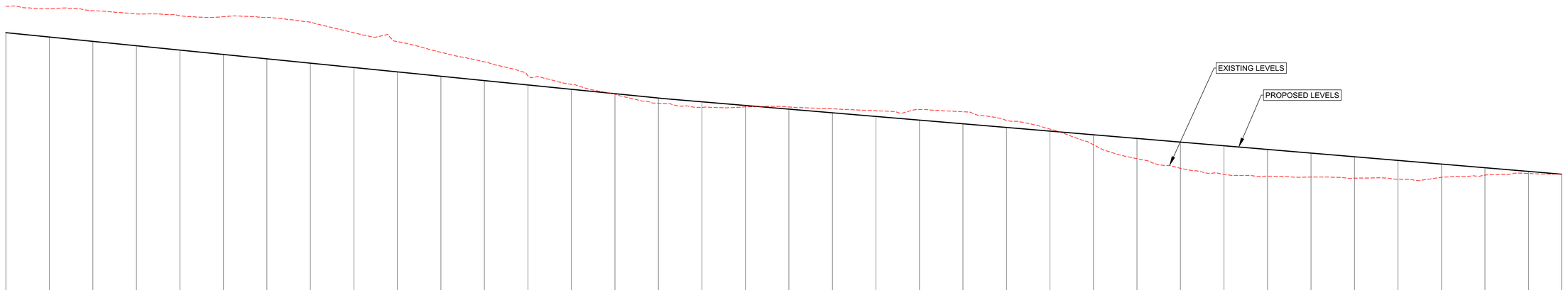


PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



Datum 50.000 m

CHAINAGE	7700.000	7750.000	7800.000	7850.000	7900.000	7950.000	8000.000	8050.000	8100.000	8150.000	8200.000	8250.000	8300.000	8350.000	8400.000	8450.000	8500.000	8550.000	8600.000	8650.000	8700.000	8750.000	8800.000	8850.000	8900.000	8950.000	9000.000	9050.000	9100.000	9150.000	9200.000	9250.000	9300.000	9350.000	9400.000	9450.000	9488.036
EXISTING LEVELS	116.506	115.909	115.452	114.712	114.283	114.086	113.915	112.839	110.375	108.344	105.879	103.690	100.436	98.494	96.238	94.144	93.213	93.334	93.285	92.881	92.435	92.726	92.196	90.234	88.213	84.604	81.395	79.167	77.802	77.371	77.174	76.915	76.664	77.117	77.598	77.867	77.826
PROPOSED LEVELS	110.406	109.402	108.398	107.393	106.389	105.385	104.381	103.377	102.373	101.369	100.365	99.361	98.357	97.353	96.349	95.345	94.489	93.646	92.802	91.959	91.116	90.273	89.429	88.586	87.743	86.900	86.056	85.213	84.370	83.527	82.683	81.840	80.997	80.154	79.310	78.467	77.626
HORIZONTAL GEOMETRY		L =1438.221			R: 2040.000 L: 1315.421																										L =315.230									
VERTICAL GEOMETRY		G =-2.008% L =784.583											R =3700.000 K =37.800 L =111.899																		G =-1.686% L =1028.086								

PROFILE
VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	24.10.19	LM	OPTOIN SELECTION REPORT	TP	EC

Project Title:
TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1F1 PLAN & PROFILE
FIGURE 1F1 SHEET 5 OF 5

Status: S4

Designed: DC	Date: MAR 19	Model File Identifier:	Rev:
Drawn: LM	Scale @ A1: AS SHOWN	N/A	
Approved: TP	@ A3: AS SHOWN	File Identifier:	P01
Checked: EC	Sheet: 05 of 05	TT_MGT0337-RPS-00-ZZ-DR-D-GE0034-05	

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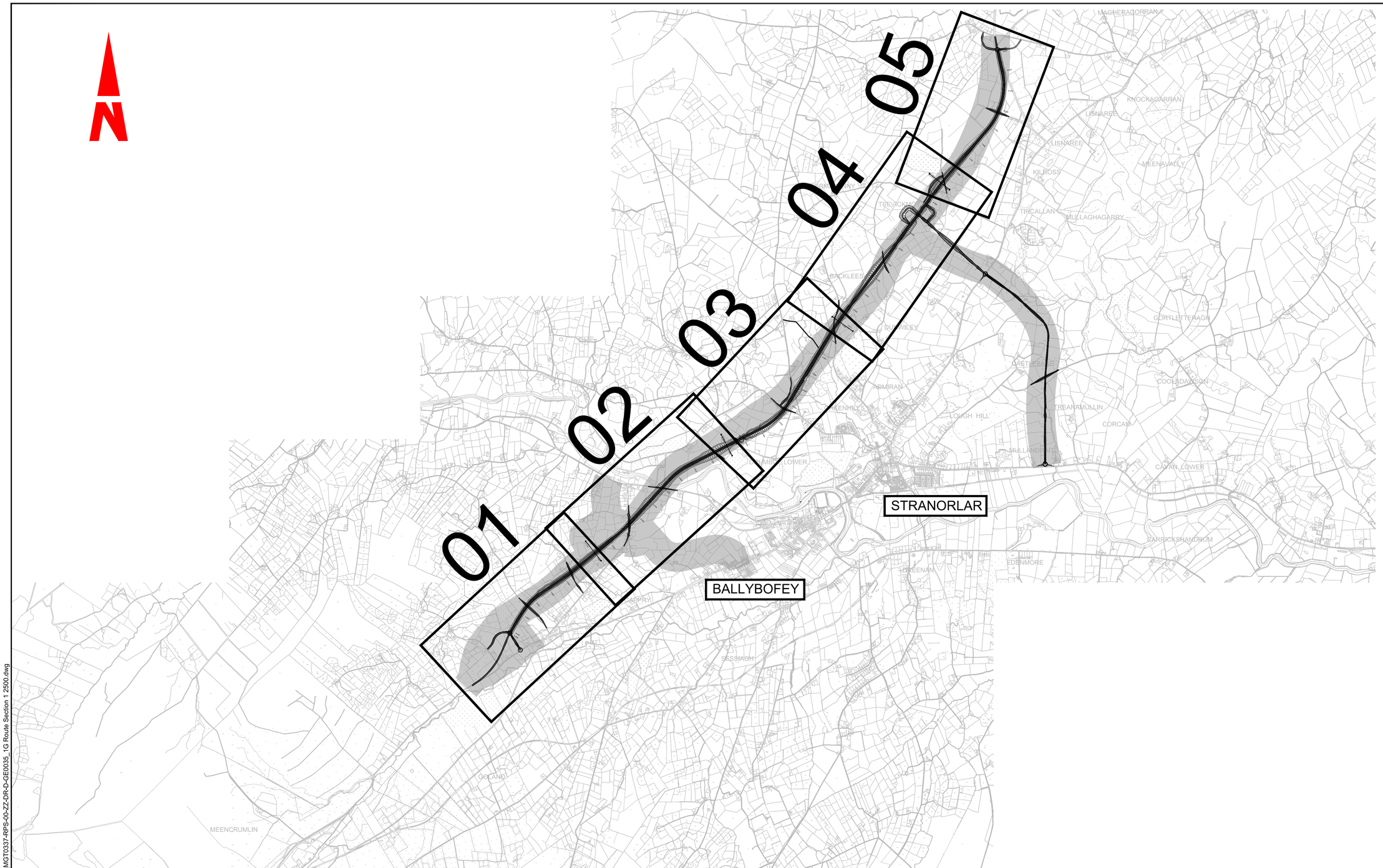

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	04.11.19	MG	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: SECTION 1 EMERGING PREFERRED OPTION (1G) KEYPLAN

Status: S4

Designed: MG	Date: OCT 18	Model File Identifier:	Rev:
Drawn: MG	Scale @ A1: 1:20000	N/A	
Approved: TP	@ A3: 1:40000	File Identifier:	P01
Checked: EC	Sheet: 001 of 001	TT_MGT0337-RPS-00-ZZ-DR-D-GE0035-00	

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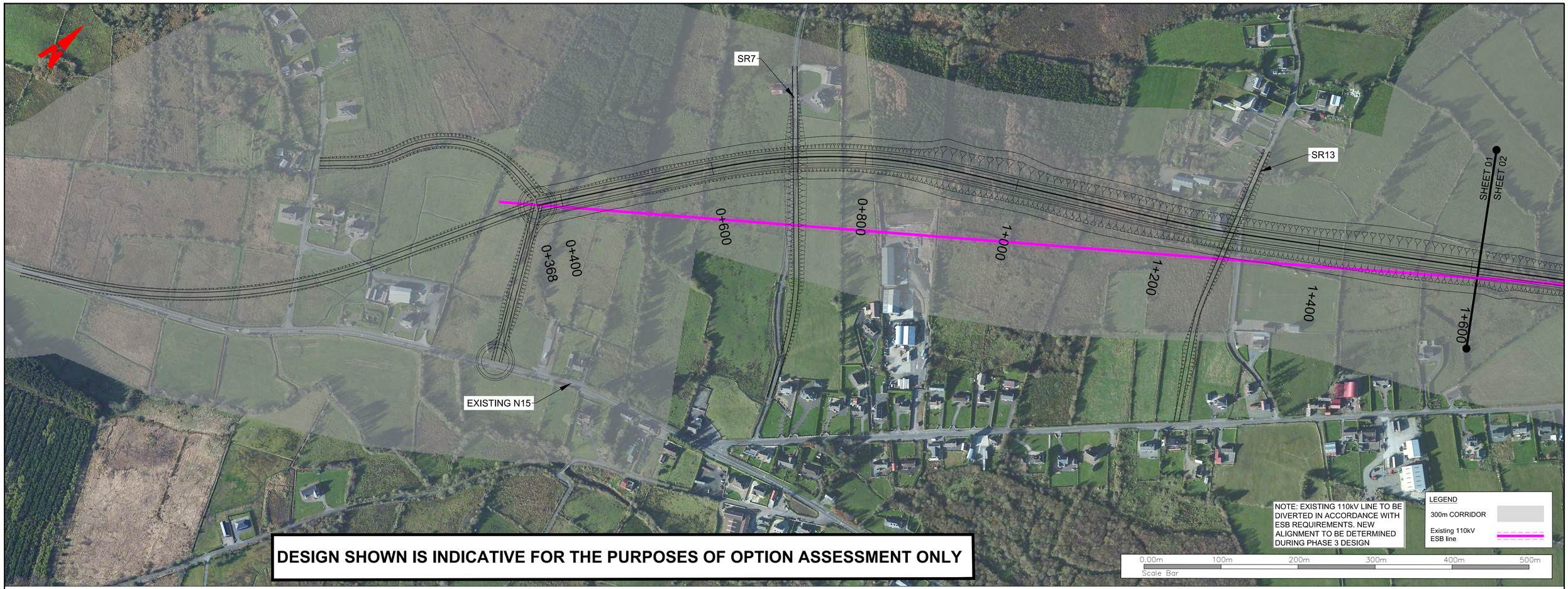
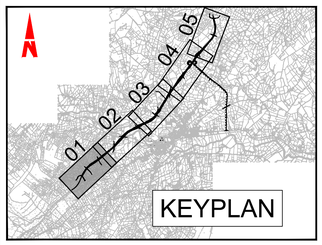
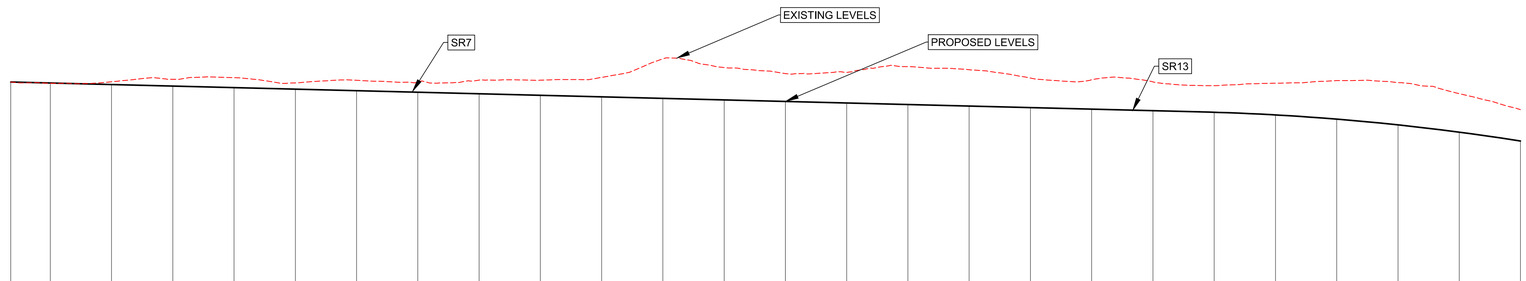


DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY

PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 50.000 m

CHAINAGE	367.719	400.000	450.000	500.000	550.000	600.000	650.000	700.000	750.000	800.000	850.000	900.000	950.000	1000.000	1050.000	1100.000	1150.000	1200.000	1250.000	1300.000	1350.000	1400.000	1450.000	1500.000	1550.000	1600.000
EXISTING LEVELS	83.117	82.916	83.155	83.562	83.815	82.972	83.390	83.117	83.432	83.408	83.874	86.895	85.477	84.561	84.674	85.632	85.120	83.762	83.483	83.140	82.524	82.916	83.345	83.022	81.211	78.612
PROPOSED LEVELS	83.117	82.955	82.704	82.453	82.202	81.951	81.700	81.449	81.198	80.947	80.696	80.445	80.194	79.943	79.692	79.441	79.190	78.939	78.688	78.437	78.178	77.742	77.055	76.118	74.932	73.495
HORIZONTAL GEOMETRY		L =183.627				L: 99.140		R: 720.000 L: 216.007				L: 99.140		L =198.879				L: 49.570	R: 1440.000 L: 77.922		L: 49.570	L =533.996				
VERTICAL GEOMETRY		G =-0.502% L =970.140																				R =10000.000 K =100.000 L =351.589				

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3 HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	04.11.19	MG	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1G PLAN & PROFILE SECTION 1 PREFERRED OPTION (1G) SHEET 1 OF 5

Status: S4

Designed: DC	Date: AUG 18	Model File Identifier: N/A	Rev: P01
Drawn: MG	Scale @ A1: AS SHOWN		
Approved: TP	@ A3: AS SHOWN	File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0035-01	
Checked: EC	Sheet: 01 of 05		

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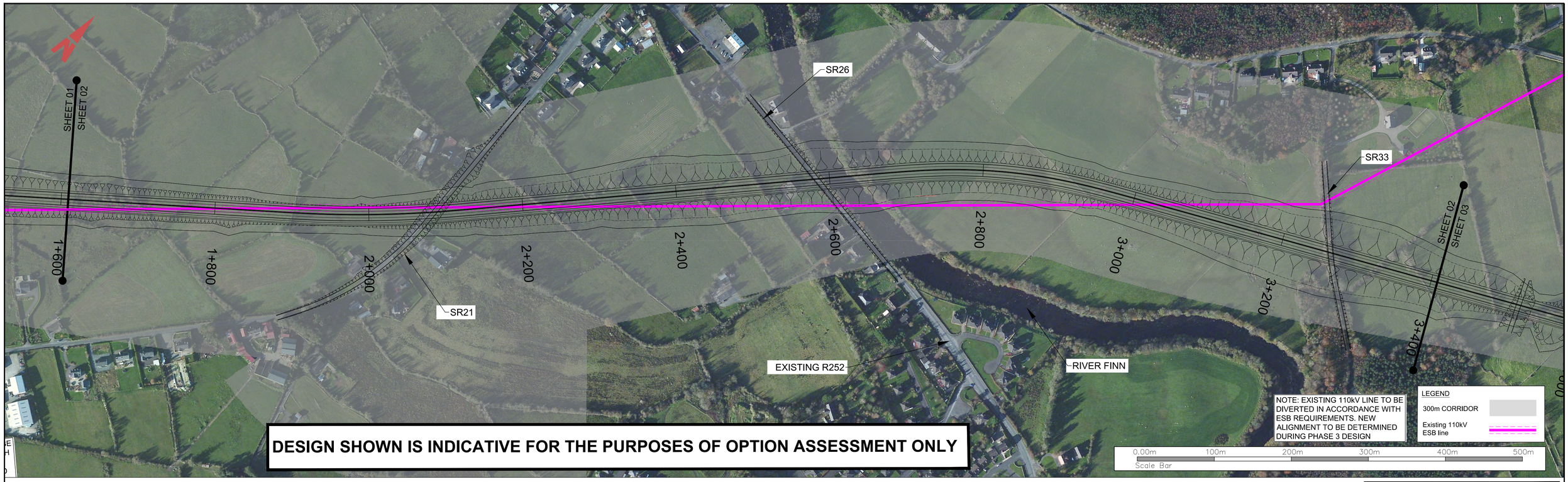
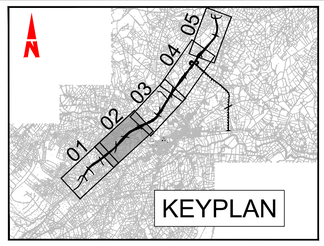


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



Datum 15.000 m

CHAINAGE	1600.000	1650.000	1700.000	1750.000	1800.000	1850.000	1900.000	1950.000	2000.000	2050.000	2100.000	2150.000	2200.000	2250.000	2300.000	2350.000	2400.000	2450.000	2500.000	2550.000	2600.000	2650.000	2700.000	2750.000	2800.000	2850.000	2900.000	2950.000	3000.000	3050.000	3100.000	3150.000	3200.000	3250.000	3300.000	3350.000	3400.000
EXISTING LEVELS	78.612	79.536	73.731	71.318	68.532	66.408	62.114	59.862	57.930	53.475	49.616	45.499	42.945	40.657	37.210	32.833	29.392	28.085	27.815	25.187	20.072	20.257	20.072	20.474	20.349	19.384	20.564	22.906	23.027	22.782	22.384	20.277	22.032	20.558	21.754	26.455	33.267
PROPOSED LEVELS	73.495	71.808	69.877	67.868	65.859	63.850	61.841	59.833	57.824	55.815	53.806	51.797	49.788	47.779	45.770	43.761	41.752	39.743	37.734	35.725	33.716	31.707	29.870	28.484	27.552	27.074	27.051	27.483	28.369	29.710	31.503	33.480	35.458	37.435	39.412	41.390	43.367
HORIZONTAL GEOMETRY	L =533.996		L: 49.570	R: 1440.000 L: 161.765		L: 49.570	L =512.855															L: 100.000	R: 720.000 L: 157.609			L: 100.000	L =754.000									
VERTICAL GEOMETRY	R =10000.000 K =100.000 L =351.589	G =-4.018% L =967.091																					R =5500.000 K =55.000 L =438.499											G =3.955% L =482.068		

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3 HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	04.11.19	MG	OPTION SELECTION REPORT	TP	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1G PLAN & PROFILE SECTION 1 PREFERRED OPTION (1G) SHEET 2 OF 5

Status: S4

Designed: DC | Date: AUG 18 | Model File Identifier: N/A

Drawn: MG | Scale @ A1: AS SHOWN | @ A3: AS SHOWN

Approved: TP | File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0035-02

Checked: EC | Sheet: 02 of 05

Rev: P01

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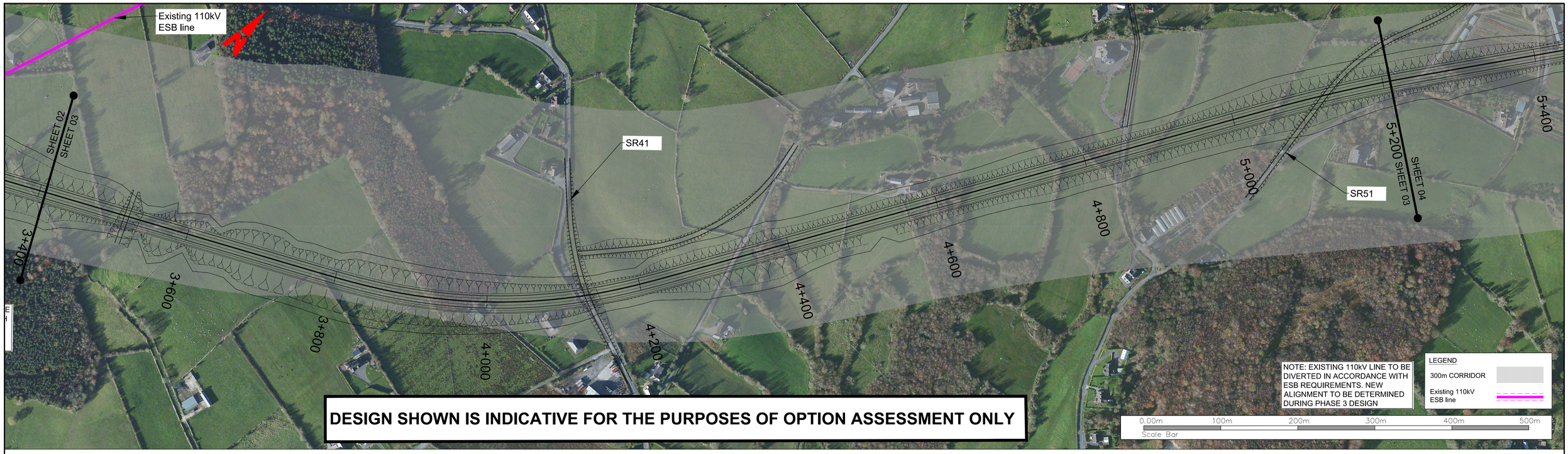
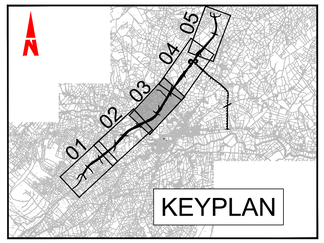
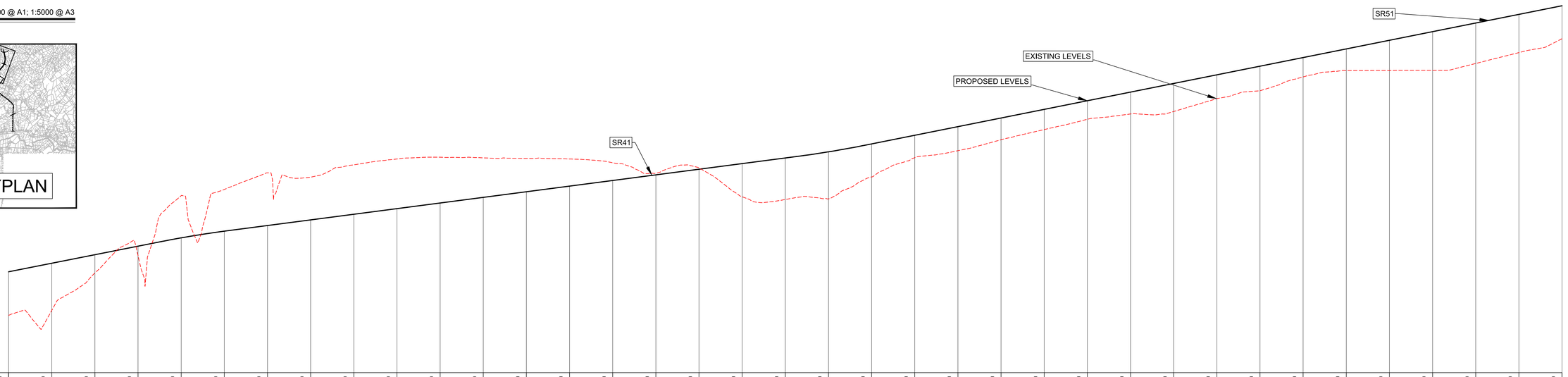


PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 20.000 m

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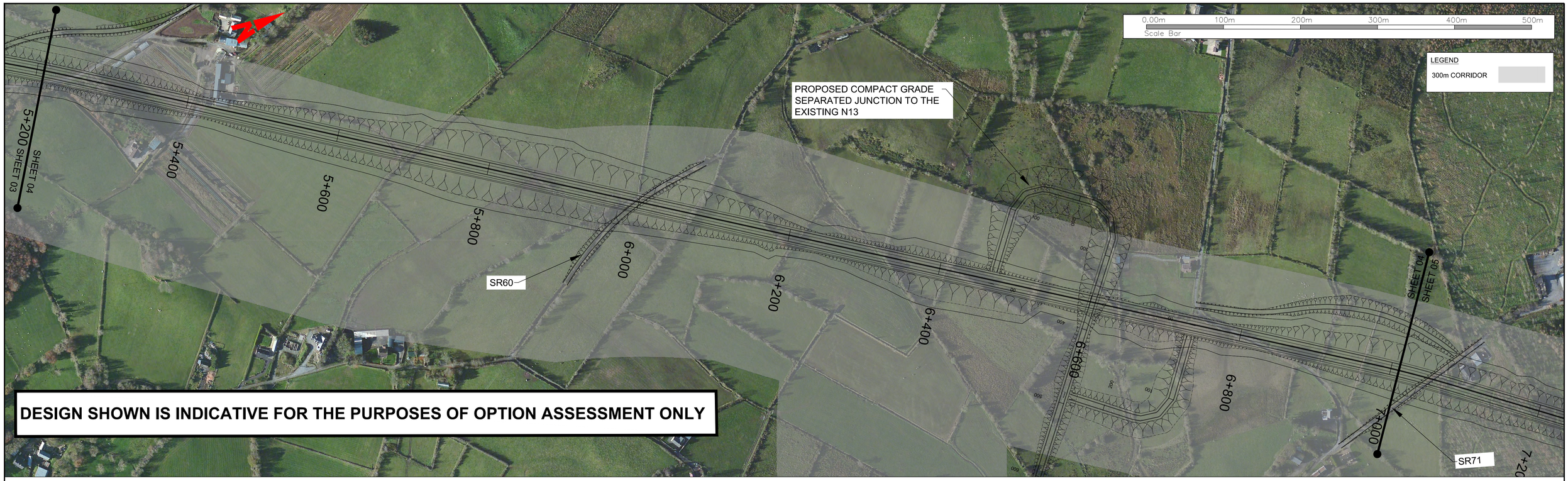
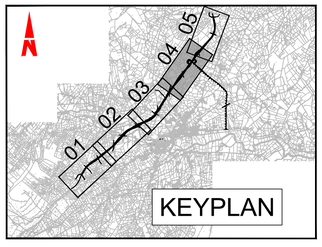
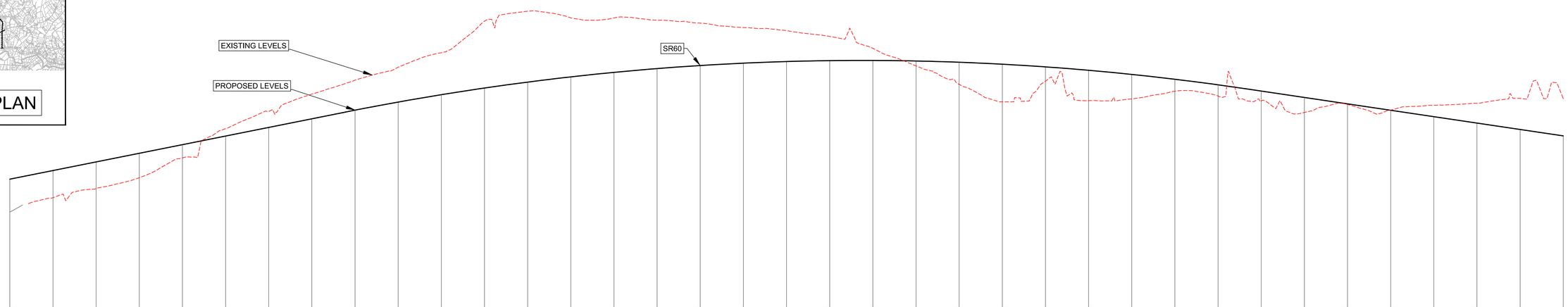


PLAN
HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3





Datum 75.000 m

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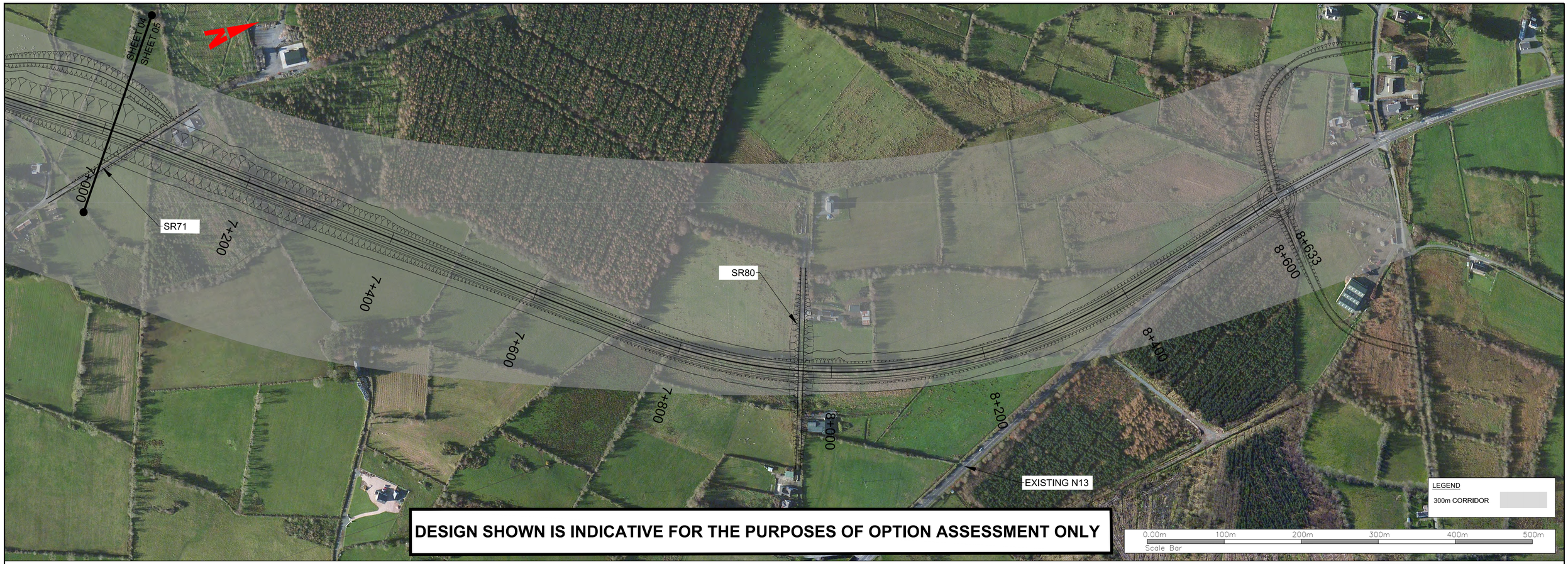
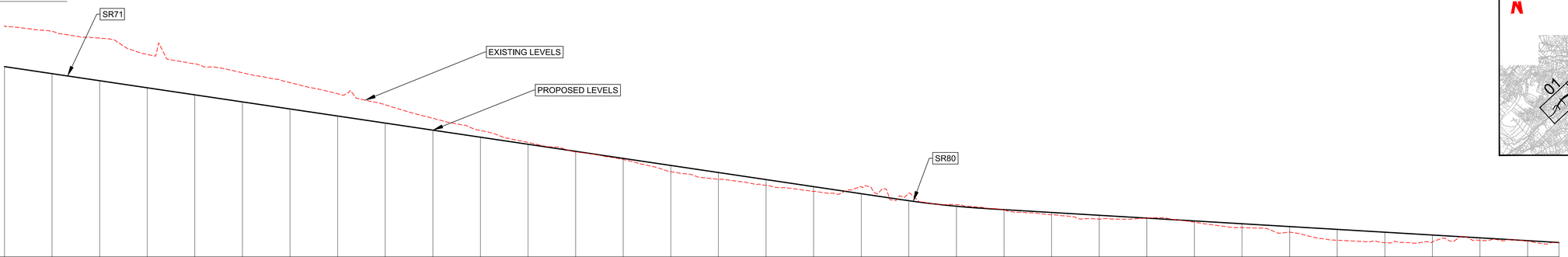


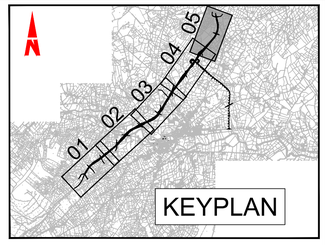
PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



Datum 75.000 m

CHAINAGE	7000.000	7050.000	7100.000	7150.000	7200.000	7250.000	7300.000	7350.000	7400.000	7450.000	7500.000	7550.000	7600.000	7650.000	7700.000	7750.000	7800.000	7850.000	7900.000	7950.000	8000.000	8050.000	8100.000	8150.000	8200.000	8250.000	8300.000	8350.000	8400.000	8450.000	8500.000	8550.000	8600.000	8632.897
EXISTING LEVELS	123.650	122.410	121.006	117.572	115.607	113.710	111.634	109.304	106.990	104.171	101.583	99.074	97.083	95.480	92.897	91.323	90.049	88.787	89.773	88.409	86.022	84.956	83.873	82.960	83.174	82.299	81.196	80.214	78.516	77.994	78.151	78.502	78.343	78.031
PROPOSED LEVELS	115.022	113.537	112.053	110.569	109.085	107.600	106.116	104.632	103.147	101.663	100.179	98.695	97.210	95.726	94.242	92.757	91.273	89.789	88.304	86.824	85.654	84.952	84.359	83.765	83.171	82.578	81.984	81.390	80.797	80.203	79.609	79.016	78.422	78.031
HORIZONTAL GEOMETRY		R: 1440.000 L: 54.767	L: 49.570	L =590.548												L: 99.140		R: 720.000 L: 574.697											L: 99.140			L =165.382		
VERTICAL GEOMETRY		G =-2.969% L =1309.999																			R =5028.855 K =50.289 L =89.577		G =-1.187% L =599.897										

PROFILE VERTICAL SCALE 1:500 @ A1; 1:1000 @ A3 HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3



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NOTES

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	04.11.19	MG	OPTION SELECTION REPORT	TP	EC

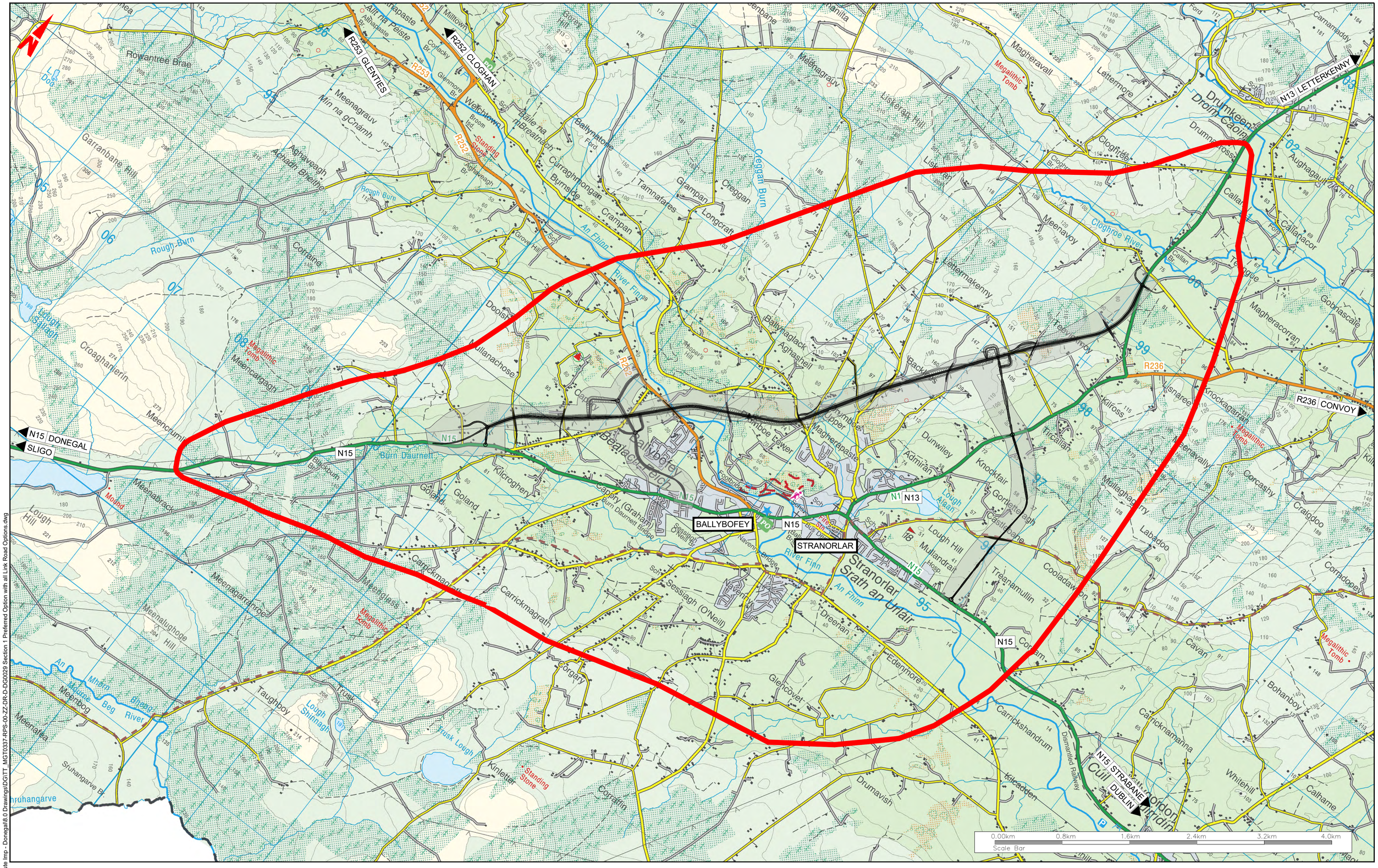
Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: OPTION 1G PLAN & PROFILE
SECTION 1 PREFERRED OPTION (1G) SHEET 5 OF 5

Status: S4

Designed: DC | Date: AUG 18 | Model File Identifier: N/A
Drawn: MG | Scale @ A1: AS SHOWN
Approved: TP | @ A3: AS SHOWN | File Identifier: TT_MGT0337-RPS-00-ZZ-DR-D-GE0035-05
Checked: EC | Sheet: 05 of 05

Rev: P01



R:\MGT0337 - Ten-T Priority Route Imp - Donegal\8.0 Drawings\DGTT_MGT0337-RPS-00-ZZ-DR-D-DG0029 Section 1 Preferred Option with all Link Road Options.dwg

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	30.10.19	SS	OPTION SELECTION REPORT	TP	EC

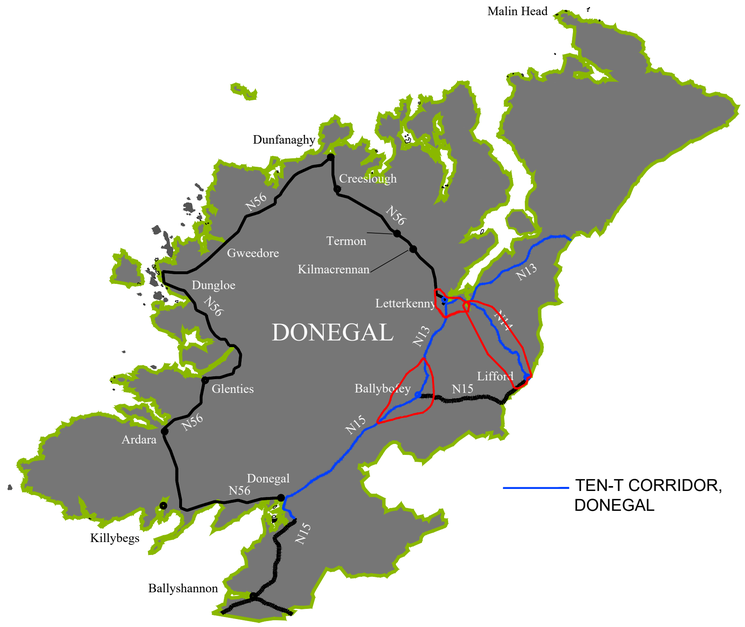
Project Title: TEN-T Priority Route Improvement Project, Donegal

Drawing Title: SECTION 1 PREFERRED OPTION WITH LINK ROADS

Status: S4

Designed: S.Sinha	Date: DEC. 2018	Model File Identifier:	Rev:
Drawn: S. Sinha	Scale @ A1: 1:20 000		
Approved: E.Cox	@ A3: 1:40 000	File Identifier:	P01
Checked: T. Patterson	Sheet: 01 of 06	TT_MGT0337-RPS-00-ZZ-DR-D-DG0029	

TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT, DONEGAL



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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	04/11/19	EC	OPTION SELECTION REPORT	EC	ED

Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT, DONEGAL

Drawing Title: PREFERRED OPTION CORRIDOR

Status: S4

Designed: EC	Date: APR '19	Model File Identifier:	Rev:
Drawn: EC	Scale: NTS		P01
Approved: ED	NTS	File Identifier: TT_Y16112-BT-RS-GEN-ZZ -DR-CH-00100	
Checked: ED	Sheet: 1 of 1		

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