

PLANNING ACT 2008
INFRASTRUCTURE PLANNING
(APPLICATIONS: PRESCRIBED FORMS AND PROCEDURE) REGULATIONS 2009
REGULATION 5(2)(o) & 5(2)(p) & 6(2)(a)

PROPOSED PORT TERMINAL AT
FORMER TILBURY POWER STATION

TILBURY2

TRO30003

VOLUME 2 PART 9

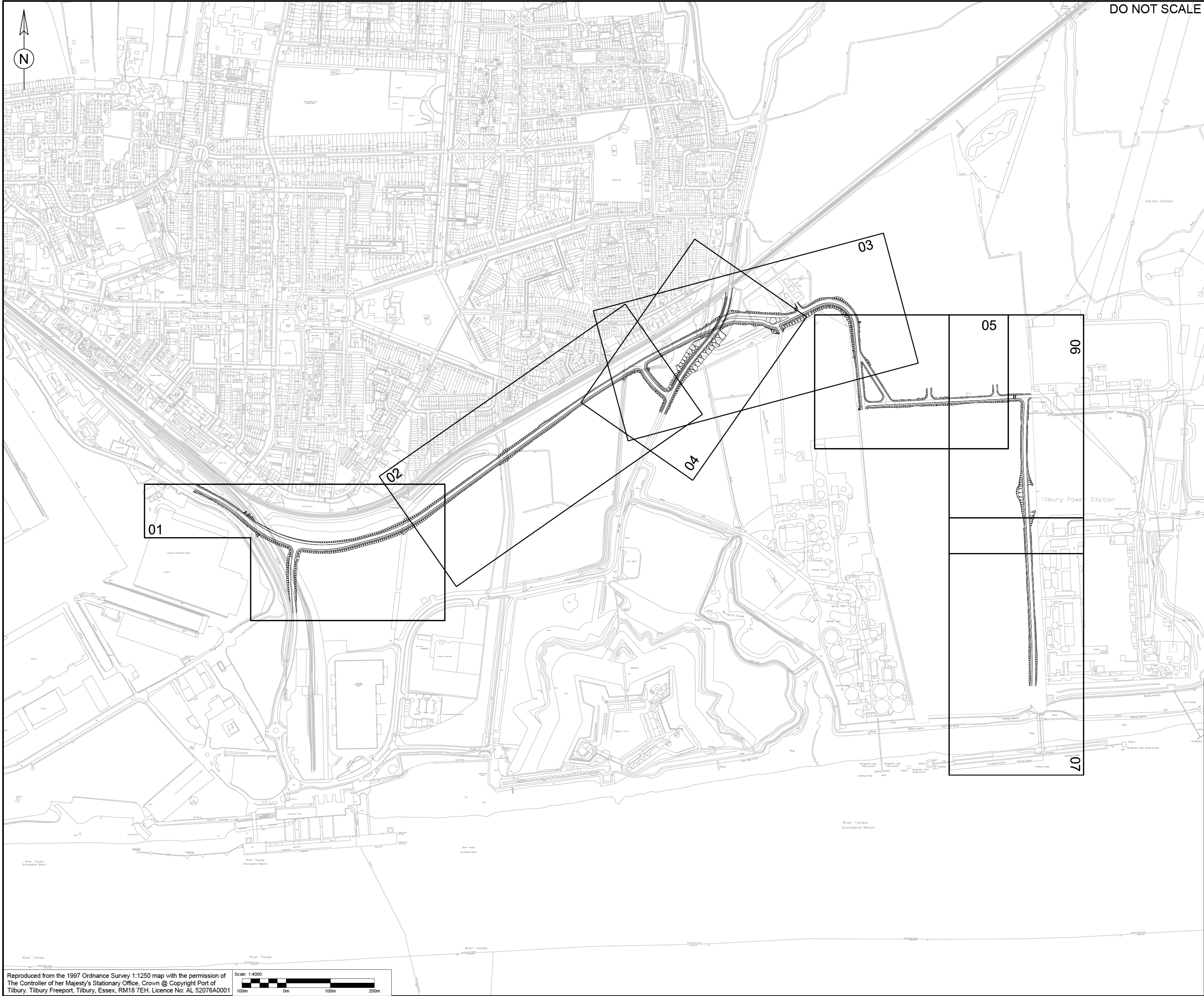
ENGINEERING DRAWINGS AND PLANS

DOCUMENT REF: PoTLL/T2/EX/6



DRAWING TITLE	DRAWING NUMBER	REV
HIGHWAY MAINLINE AND INTERNAL PORT ROADS		
ENGINEERING SECTIONS AND PLANS HIGHWAY MAINLINE/INTERNAL PORT ROADS REGULATIONS 5(2)(o) 5(2)(p) & 6(2) KEY PLAN	5153187-ATK-ZZ-XX-DR-IR-1510	P01
ENGINEERING SECTIONS AND PLANS HIGHWAY MAINLINE REGULATIONS 5(2)(o) 5(2)(p) & 6(2) SHEET 1 OF 7	5153187-ATK-ZZ-XX-DR-IR-1511	P01
ENGINEERING SECTIONS AND PLANS HIGHWAY MAINLINE REGULATIONS 5(2)(o) 5(2)(p) & 6(2) SHEET 2 OF 7	5153187-ATK-ZZ-XX-DR-IR-1512	P01
ENGINEERING SECTIONS AND PLANS HIGHWAY MAINLINE/INTERNAL PORT ROADS REGULATIONS 5(2)(o) 5(2)(p) & 6(2) SHEET 3 OF 7	5153187-ATK-ZZ-XX-DR-IR-1513	P01
ENGINEERING SECTIONS AND PLANS HIGHWAY MAINLINE REGULATIONS 5(2)(o) 5(2)(p) & 6(2) SHEET 4 OF 7	5153187-ATK-ZZ-XX-DR-IR-1514	P01
ENGINEERING SECTIONS AND PLANS PORT INTERNAL ROADS REGULATIONS 5(2)(o) 5(2)(p) & 6(2) SHEET 5 OF 7	5153187-ATK-ZZ-XX-DR-IR-1515	P01
ENGINEERING SECTIONS AND PLANS PORT INTERNAL ROADS REGULATIONS 5(2)(o) 5(2)(p) & 6(2) SHEET 6 OF 7	5153187-ATK-ZZ-XX-DR-IR-1516	P01
ENGINEERING SECTIONS AND PLANS PORT INTERNAL ROADS REGULATIONS 5(2)(o) 5(2)(p) & 6(2) SHEET 7 OF 7	5153187-ATK-ZZ-XX-DR-IR-1517	P01
ENGINEERING SECTIONS AND PLANS HIGHWAY MAINLINE/INTERNAL PORT RDS. REGULATIONS 5(2)(o) 5(2)(p) & 6(2) FORT ROAD BRIDGE	5153187-ATK-ZZ-XX-DR-ZZ-1008	P03
RAILWAY ALIGNMENT		
ENGINEERING SECTIONS AND PLANS RAILWAY ALIGNMENT REGULATIONS 5(2)(o) 5(2)(p) & 6(2) KEY PLAN	5153187-ATK-ZZ-XX-DR-IH-1400	P01
ENGINEERING SECTIONS AND PLANS RAILWAY ALIGNMENT REGULATIONS 5(2)(o) 5(2)(p) & 6(2) SHEET 1 OF 6	5153187-ATK-ZZ-XX-DR-IH-1401	P01
ENGINEERING SECTIONS AND PLANS RAILWAY ALIGNMENT REGULATIONS 5(2)(o) 5(2)(p) & 6(2) SHEET 2 OF 6	5153187-ATK-ZZ-XX-DR-IH-1402	P01



DRAWING TITLE	DRAWING NUMBER	REV
ENGINEERING SECTIONS AND PLANS RAILWAY ALIGNMENT REGULATIONS 5(2)(o) 5(2)(p) & 6(2) SHEET 3 OF 6	5153187-ATK-ZZ-XX-DR-IH-1403	P01
ENGINEERING SECTIONS AND PLANS RAILWAY ALIGNMENT REGULATIONS 5(2)(o) 5(2)(p) & 6(2) SHEET 4 OF 6	5153187-ATK-ZZ-XX-DR-IH-1404	P01
ENGINEERING SECTIONS AND PLANS RAILWAY ALIGNMENT REGULATIONS 5(2)(o) 5(2)(p) & 6(2) SHEET 5 OF 6	5153187-ATK-ZZ-XX-DR-IH-1405	P01
ENGINEERING SECTIONS AND PLANS RAILWAY ALIGNMENT REGULATIONS 5(2)(o) 5(2)(p) & 6(2) SHEET 6 OF 6	5153187-ATK-ZZ-XX-DR-IH-1406	P01
ILLUSTRATIVE CROSS SECTIONS		
ENGINEERING SECTIONS AND PLANS ILLUSTRATIVE CROSS SECTIONS KEY PLAN REGULATIONS 5(2)(o) & 6(2)	5153187-ATK-ZZ-XX-DR-ZZ-0002	P03
ENGINEERING SECTIONS AND PLANS ILLUSTRATIVE CROSS SECTIONS INFRASTRUCTURE CORRIDOR REGULATIONS 5(2)(o) & 6(2)	5153187-ATK-ZZ-XX-DR-ZZ-1005	P02
ENGINEERING SECTIONS AND PLANS ILLUSTRATIVE CROSS SECTIONS CMAT & RORO TERMINALS REGULATION 5(2)(o)	5153187-ATK-ZZ-XX-DR-ZZ-1006	P02
ENGINEERING SECTIONS AND PLANS ILLUSTRATIVE CROSS SECTIONS CMAT & RORO BERTHS REGULATION 5(2)(o)	5153187-ATK-ZZ-XX-DR-ZZ-1007	P03
ENGINEERING SECTIONS AND PLANS ILLUSTRATIVE CROSS SECTIONS BRIDGE ABUTMENT / FLOOD DEFENCE REGULATION 5(2)(o)	5153187-ATK-ZZ-XX-SK-ZZ-1012	P02
EXTENT AND DEPTH OF DREDGE		
ENGINEERING SECTIONS AND PLANS EXTENT AND DEPTH OF DREDGING REGULATION 5(2)(o)	5153187-ATK-ZZ-XX-DR-ZZ-1009	P05



DO NOT SCALE

- NOTES:
1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION. IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
 3. WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
 4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
 5. LEVELS SHOWN ARE INDICATIVE.

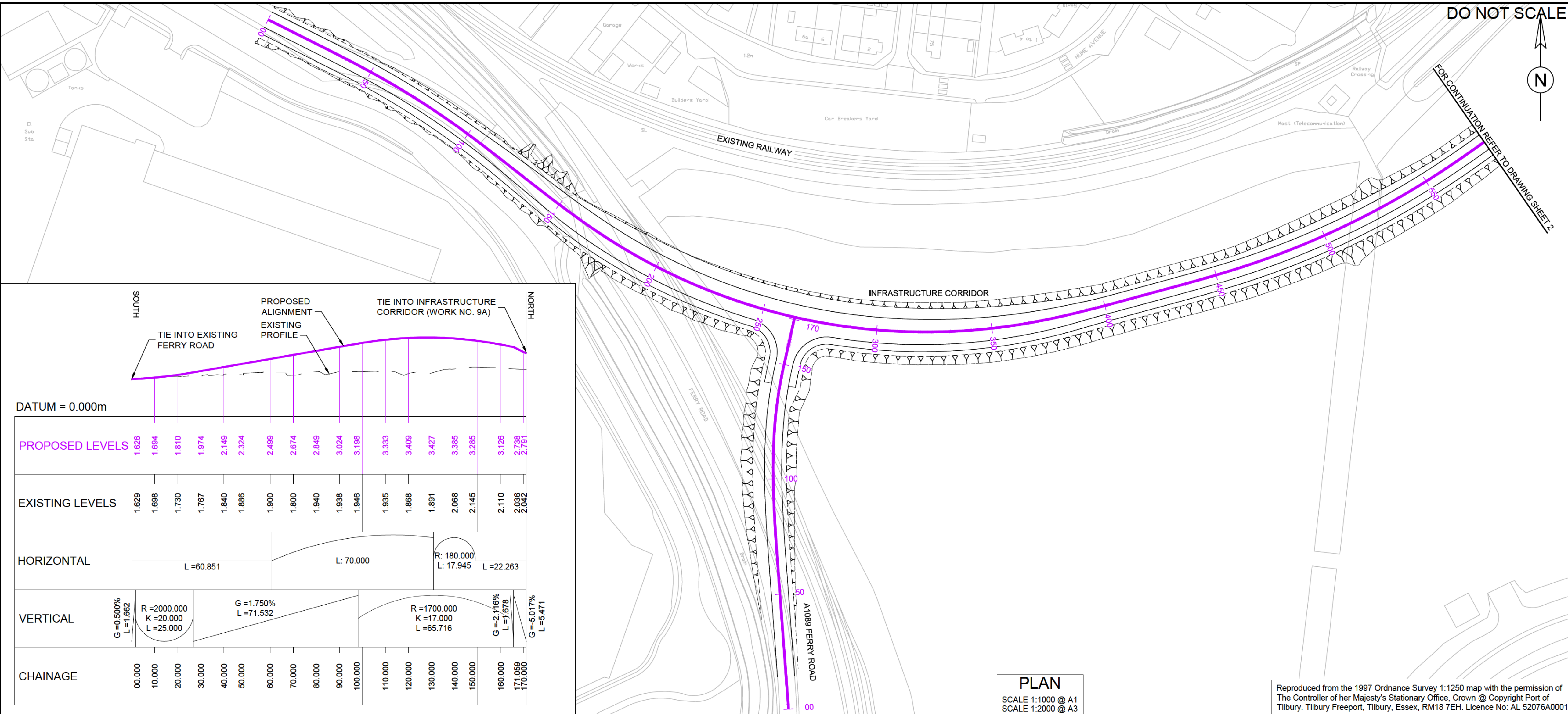
DESIGN SHOWN HERE
IS FOR ILLUSTRATIVE
PURPOSES ONLY

Rev	Date	Description	By	Chkd	App'd
Drawing Status					Suitability
DCO SUBMISSION					SO
ATKINS			Western House (Block C) Peterborough Business Park Lynch Wood Peterborough PE2 6FZ Tel: +44 (0)1733 366900 Fax: +44 (0)1733 366999 www.atkinsglobal.com		
Copyright © Atkins Limited (2017)					
Client			 PORT OF TILBURY LONDON		
Project Title					
					
Drawing Title					
ENGINEERING SECTIONS & PLANS HIGHWAY MAINLINE / INTERNAL PORT ROADS REGULATIONS 5(2)(o) & 5(2)(p) & 6(2) KEY PLAN					
Scale	Designed	Drawn	Checked	Authorised	
1:4000	SM	JS	TWR	SR	
Original Size	Date	Date	Date	Date	
A1	02/06/17	02/06/17	02/06/17	17/10/17	
Drawing Number				Revision	
5153187-ATK-ZZ-XX-DR-IR-1510				P01	

Reproduced from the 1997 Ordnance Survey 1:2500 map with the permission of The Controller of Her Majesty's Stationary Office, Crown © Copyright Port of Tilbury. Tilbury Freepoint, Tilbury, Essex, RM18 7EH. Licence No: AL 52076A0001



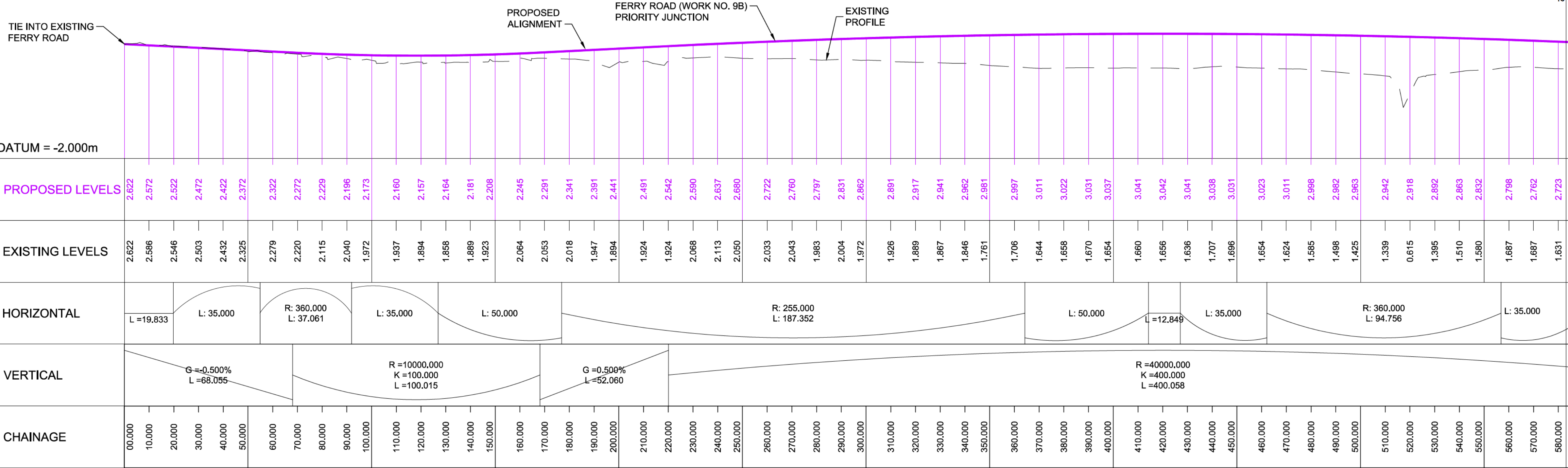
100
0 10
Millimetres



		SOUTH																		NORTH																			
				TIE INTO EXISTING FERRY ROAD		PROPOSED ALIGNMENT EXISTING PROFILE																TIE INTO INFRASTRUCTURE CORRIDOR (WORK NO. 9A)																	
DATUM = 0.000m																																							
PROPOSED LEVELS		1.626		1.694		1.810		1.974		2.149		2.324		2.469		2.674		2.849		3.024		3.198		3.333		3.409		3.427		3.385		3.285		3.126		2.738		2.531	
EXISTING LEVELS		1.629		1.698		1.730		1.767		1.840		1.886		1.900		1.800		1.940		1.938		1.946		1.935		1.868		1.891		2.068		2.145		2.110		2.035		2.040	
HORIZONTAL						L=60.851												L: 70.000										R: 180.000 L: 17.945				L=22.263							
VERTICAL		G=0.500% L=1.682		R=2000.000 K=20.000 L=25.000				G=1.750% L=71.532												R=1700.000 K=17.000 L=65.716										G=2.716% L=1678				G=-5.017%					
CHAINAGE		00.000		10.000		20.000		30.000		40.000		50.000		60.000		70.000		80.000		90.000		100.000		110.000		120.000		130.000		140.000		150.000		160.000		171.059 170.000			

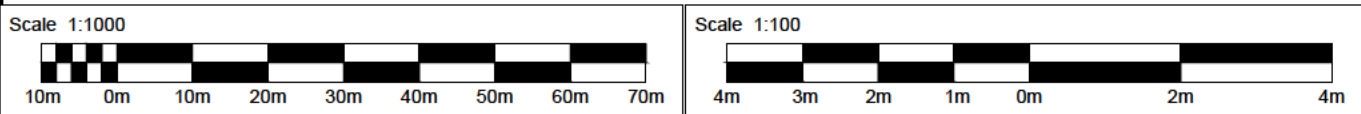
LONG SECTION - FERRY ROAD
WORK NO. 9B

SCALE : 1:1000 HORIZONTAL 1:100 VERTICAL @ A1, 1:2000 HORIZONTAL 1:200 VERTICAL @ A3



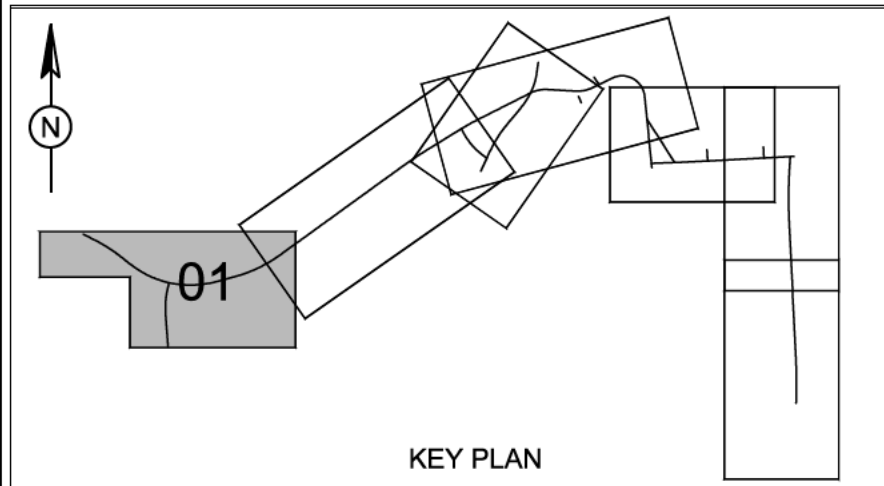
LONG SECTION - INFRASTRUCTURE CORRIDOR
WORK NO. 9A

SCALE : 1:1000 HORIZONTAL 1:100 VERTICAL @ A1, 1:2000 HORIZONTAL 1:200 VERTICAL @ A3



NOTES:

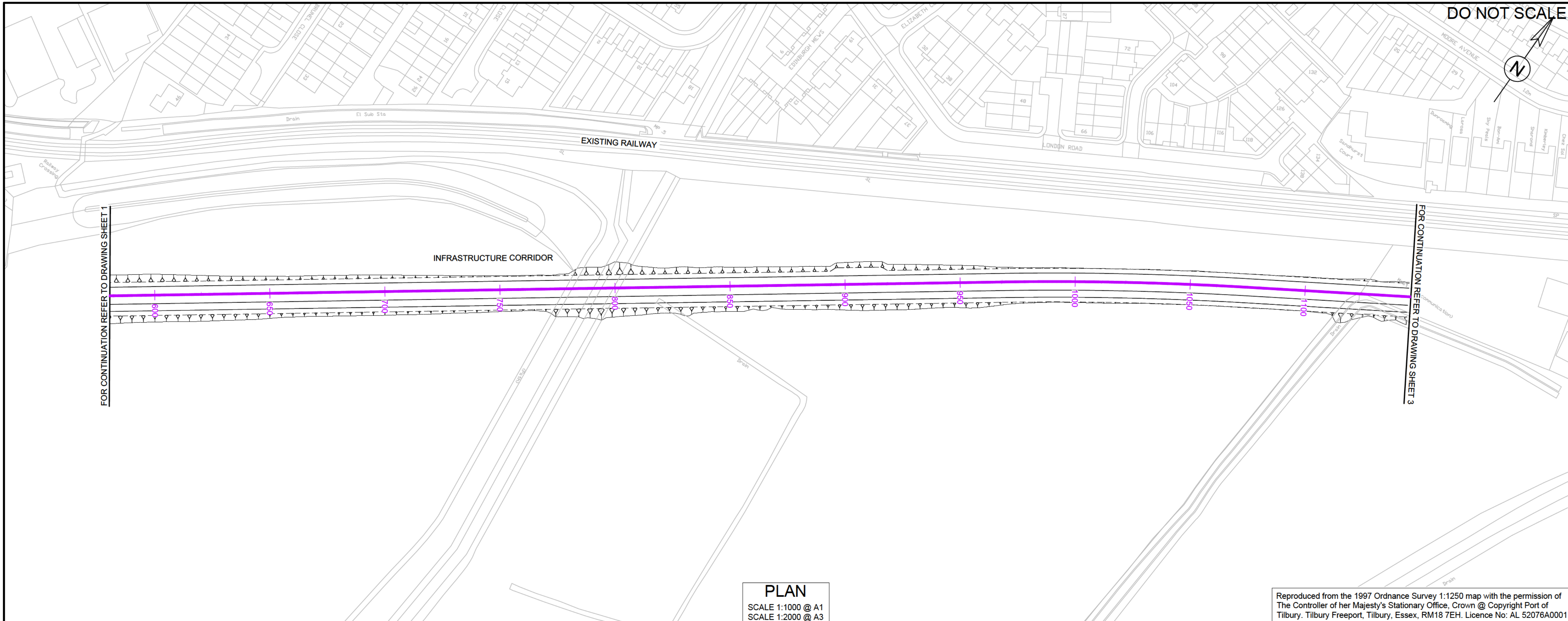
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION. IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
- WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
- THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
- LEVELS SHOWN ARE INDICATIVE.



DESIGN SHOWN HERE
IS FOR ILLUSTRATIVE
PURPOSES ONLY

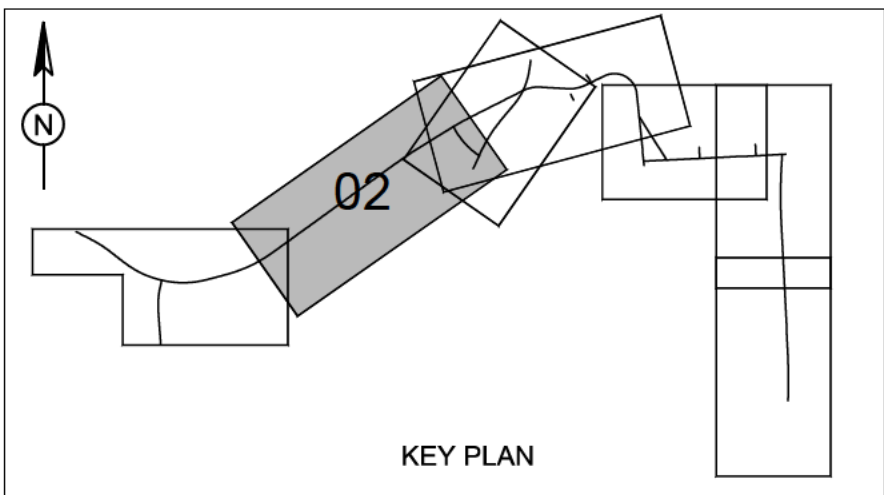
Rev.	Date	Description	By	Chkd	App'd		
Drawing Status			Suitability				
DCO SUBMISSION			SO				
ATKINS			Western House (Block C) Peterborough Business Park Lynch Wood Peterborough PE2 6FZ Tel: +44 (0)1733 366900 Fax: +44 (0)1733 366999 www.atkinsglobal.com				
Copyright © Atkins Limited (2017)							
Client			PORT OF TILBURY LONDON				
Project Title			TILBURY2				
Drawing Title			ENGINEERING SECTIONS & PLANS HIGHWAY MAINLINE REGULATIONS 5(2)(o) & 5(2)(p) & 6(2) Sheet 1 of 7				
Scale	Designed	Drawn	Checked	Authorised			
AS SHOWN	SM	SM	TWR	SR			
Original Size	Date	Date	Date	Date			
A1	02/06/17	02/06/17	02/06/17	17/10/17			
Drawing Number			Revision				
5153187-ATK-ZZ-XX-DR-IR-1511			P01				

100
0 10
Millimetres

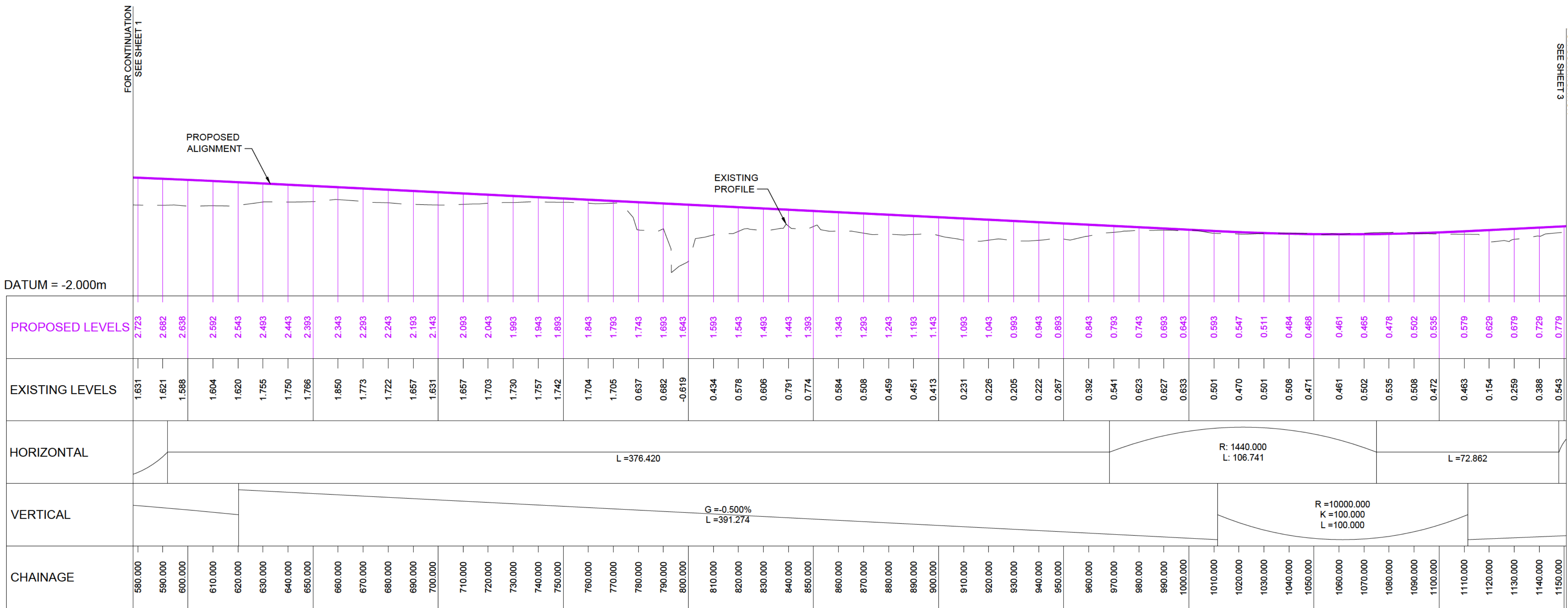


DO NOT SCALE

- NOTES:
1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION. IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
 3. WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
 4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
 5. LEVELS SHOWN ARE INDICATIVE.

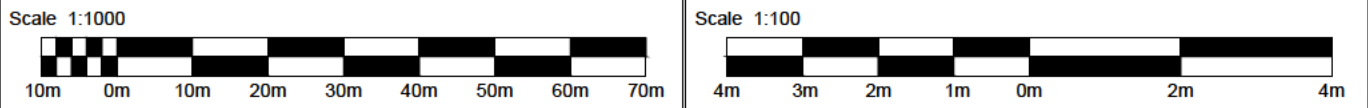


DESIGN SHOWN HERE
IS FOR ILLUSTRATIVE
PURPOSES ONLY



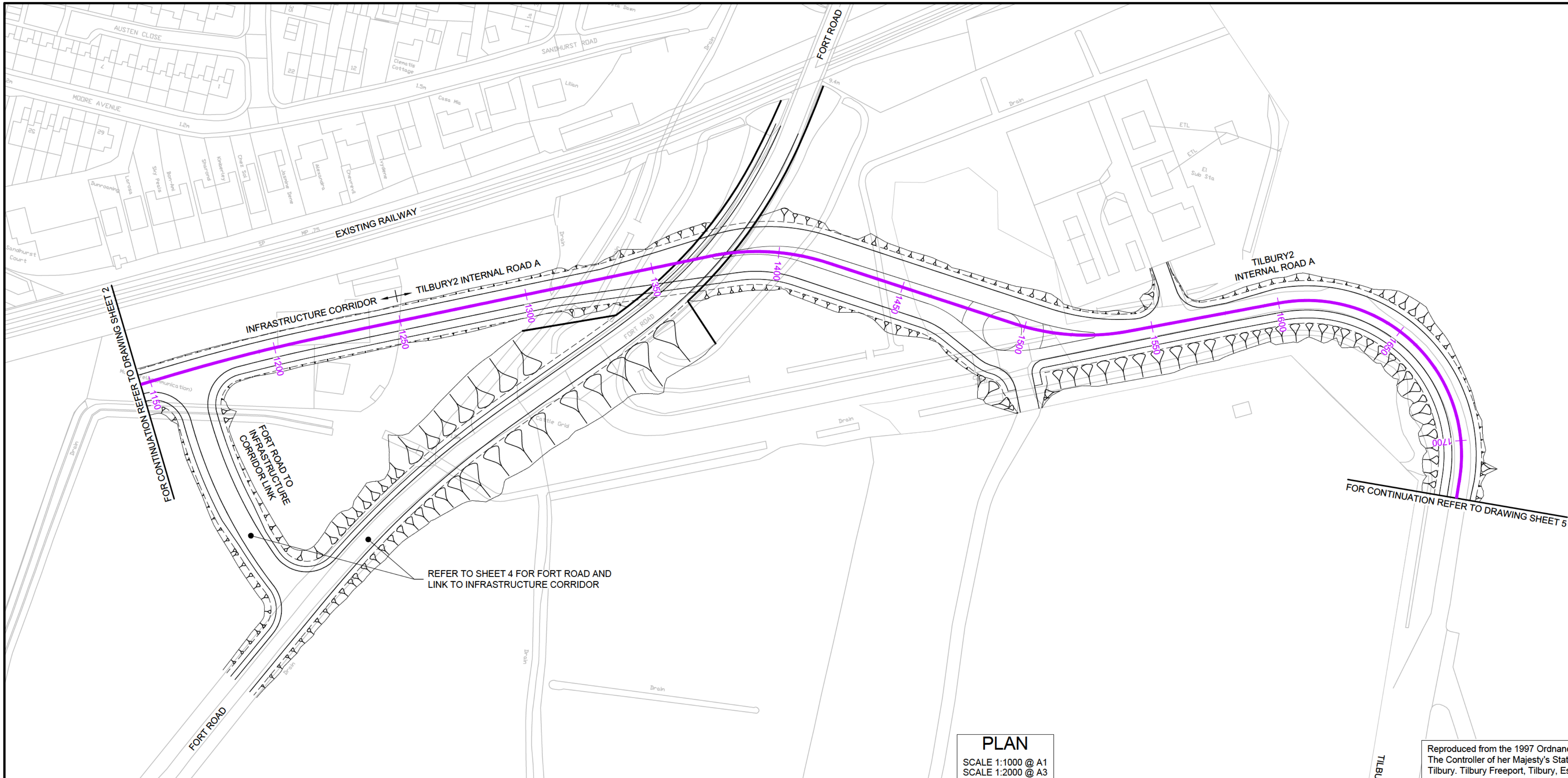
LONG SECTION - INFRASTRUCTURE CORRIDOR
WORK NO. 9A

SCALE : 1:1000 HORIZONTAL 1:100 VERTICAL @ A1, 1:2000 HORIZONTAL 1:200 VERTICAL @ A3



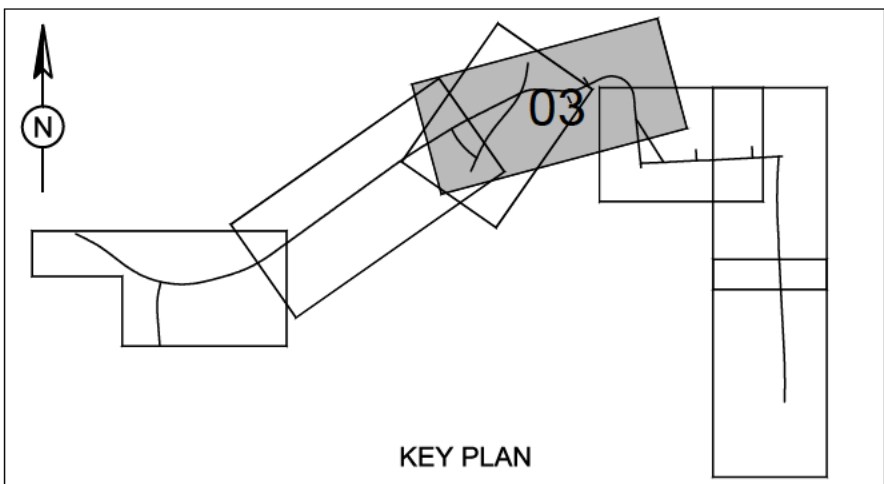
Rev.	Date	Description	By	Chkd	App'd
Drawing Status			Suitability		
DCO SUBMISSION			SO		
ATKINS			Western House (Block C) Peterborough Business Park Lynch Wood Peterborough PE2 6FZ Tel: +44 (0)1733 366900 Fax: +44 (0)1733 366999 www.atkinsglobal.com		
Copyright © Atkins Limited (2017)					
Client					
Project Title					
Drawing Title			ENGINEERING SECTIONS & PLANS HIGHWAY MAINLINE REGULATIONS 5(2)(o) & 5(2)(p) & 6(2) Sheet 2 of 7		
Scale	Designed	Drawn	Checked	Authorised	
AS SHOWN	SM	SM	TWR	SR	
Original Size	Date	Date	Date	Date	
A1	02/06/17	02/06/17	02/06/17	17/10/17	
Drawing Number			Revision		
5153187-ATK-ZZ-XX-DR-IR-1512			P01		

100
0 10
Millimetres

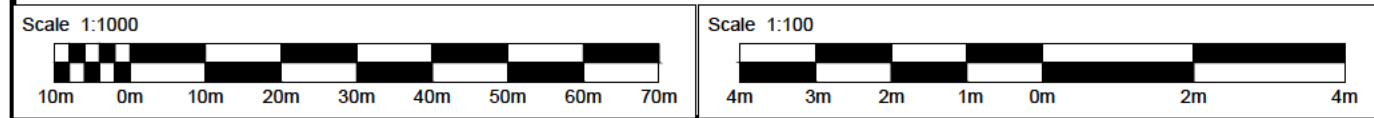
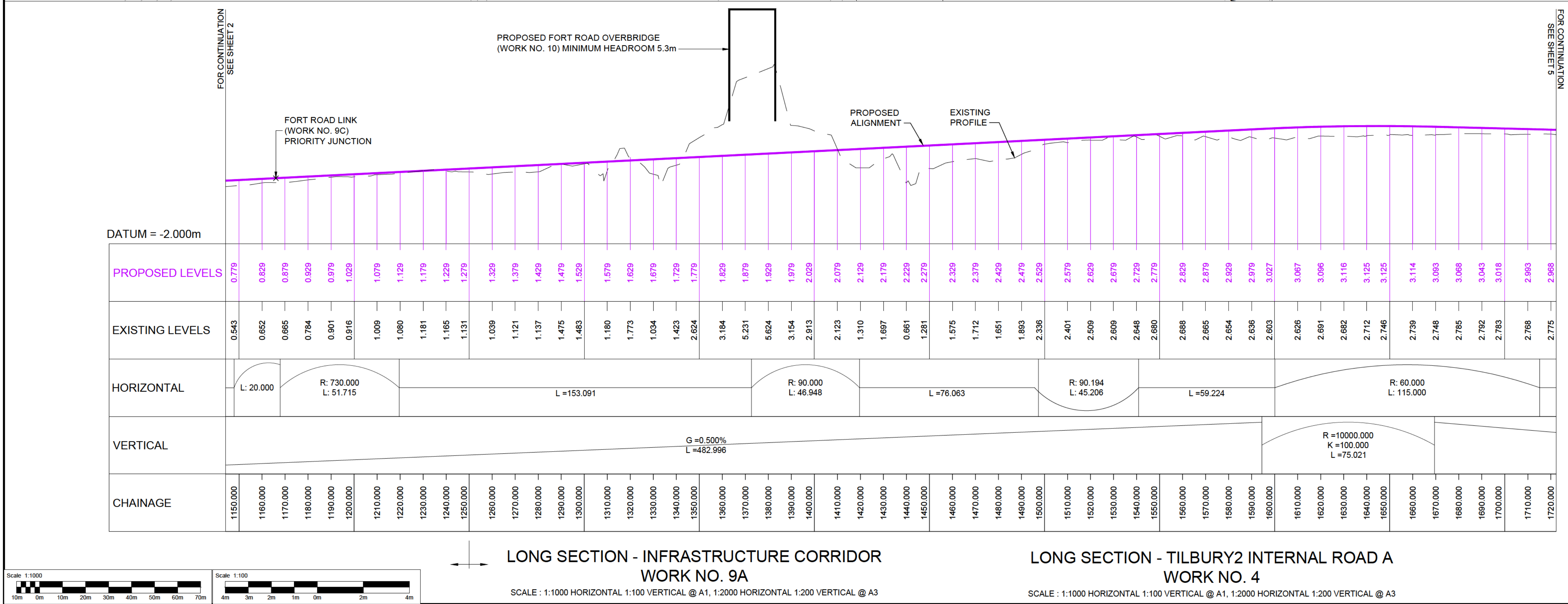


DO NOT SCALE

- NOTES:
1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION. IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
 3. WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
 4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
 5. LEVELS SHOWN ARE INDICATIVE.



DESIGN SHOWN HERE IS FOR ILLUSTRATIVE PURPOSES ONLY



LONG SECTION - INFRASTRUCTURE CORRIDOR
WORK NO. 9A

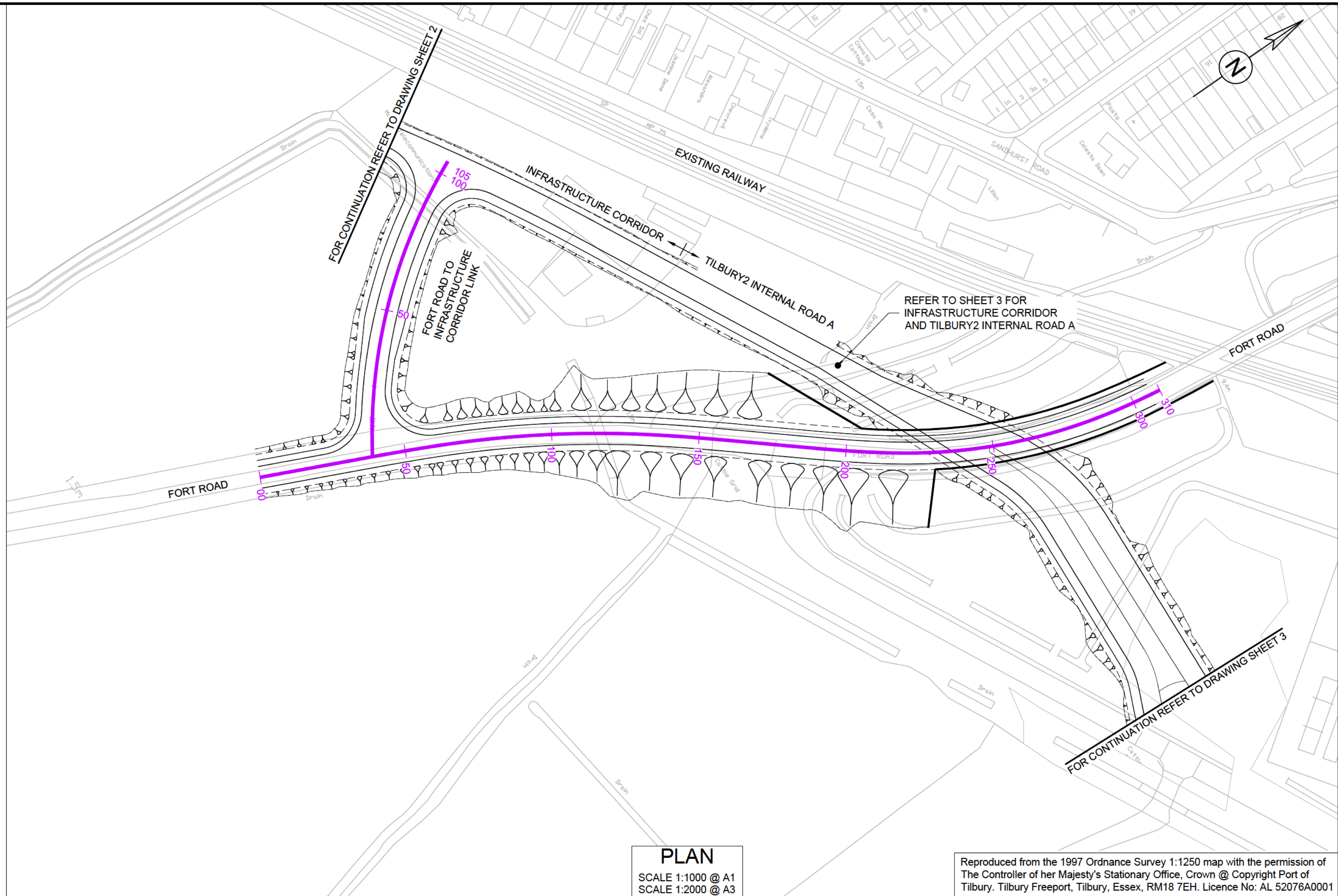
SCALE : 1:1000 HORIZONTAL 1:100 VERTICAL @ A1, 1:2000 HORIZONTAL 1:200 VERTICAL @ A3

LONG SECTION - TILBURY2 INTERNAL ROAD A
WORK NO. 4

SCALE : 1:1000 HORIZONTAL 1:100 VERTICAL @ A1, 1:2000 HORIZONTAL 1:200 VERTICAL @ A3

Rev.	Date	Description	By	Chkd	App'd
Drawing Status			Suitability		
DCO SUBMISSION			SO		
<div>ATKINS</div>			<div>Western House (Block C) Peterborough Business Park Lynch Wood Peterborough PE2 6FZ Tel: +44 (0)1733 366900 Fax: +44 (0)1733 366999 www.atkinsglobal.com</div>		
Copyright © Atkins Limited (2017)					
Client					
<div><div>PORT OF TILBURY LONDON</div></div>					
Project Title					
<div>TILBURY2</div>					
Drawing Title					
ENGINEERING SECTIONS & PLANS HIGHWAY MAINLINE / PORT INTERNAL ROADS REGULATIONS 5(2)(o) & 5(2)(p) & 6(2) Sheet 3 of 7					
Scale	Designed	Drawn	Checked	Authorised	
AS SHOWN	SM	SM	TWR	SR	
Original Size	Date	Date	Date	Date	
A1	02/06/17	02/06/17	02/06/17	16/10/17	
Drawing Number				Revision	
5153187-ATK-ZZ-XX-DR-IR-1513				P01	

100
0 10
Millimetres



PLAN

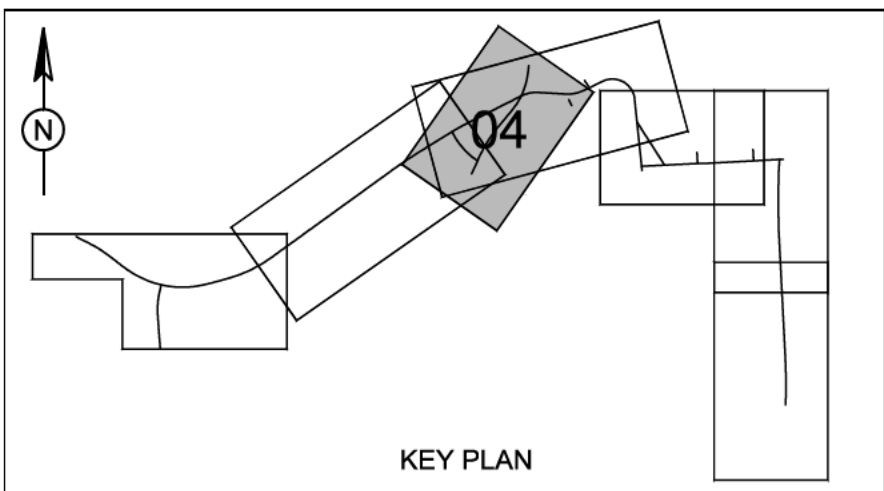
SCALE 1:1000 @ A1
SCALE 1:2000 @ A3

Reproduced from the 1997 Ordnance Survey 1:1250 map with the permission of The Controller of her Majesty's Stationary Office, Crown @ Copyright Port of Tilbury, Tilbury Freeport, Tilbury, Essex, RM18 7EH. Licence No: AL 52076A0001

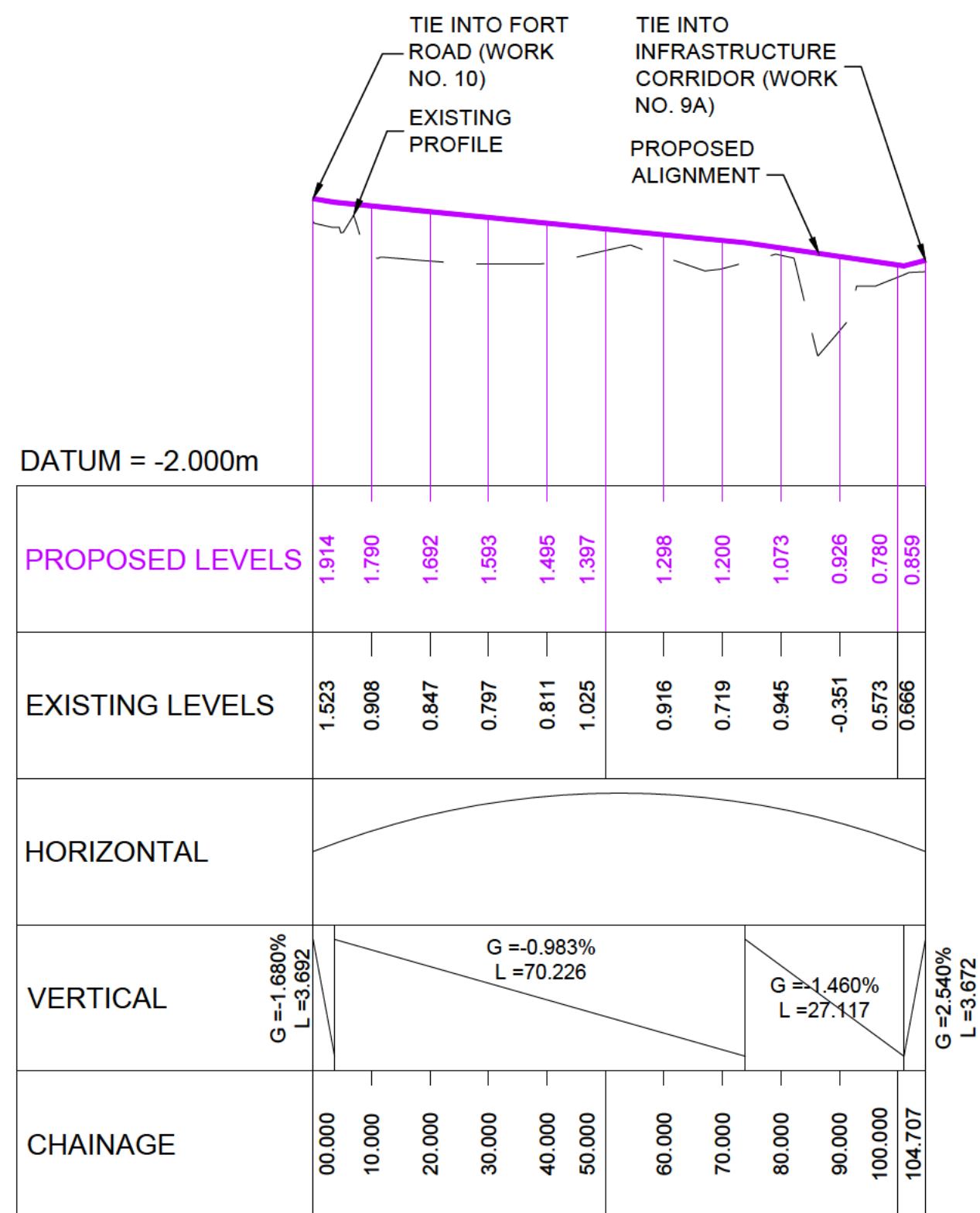
DO NOT SCALE

NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION. IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
3. WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
5. LEVELS SHOWN ARE INDICATIVE.

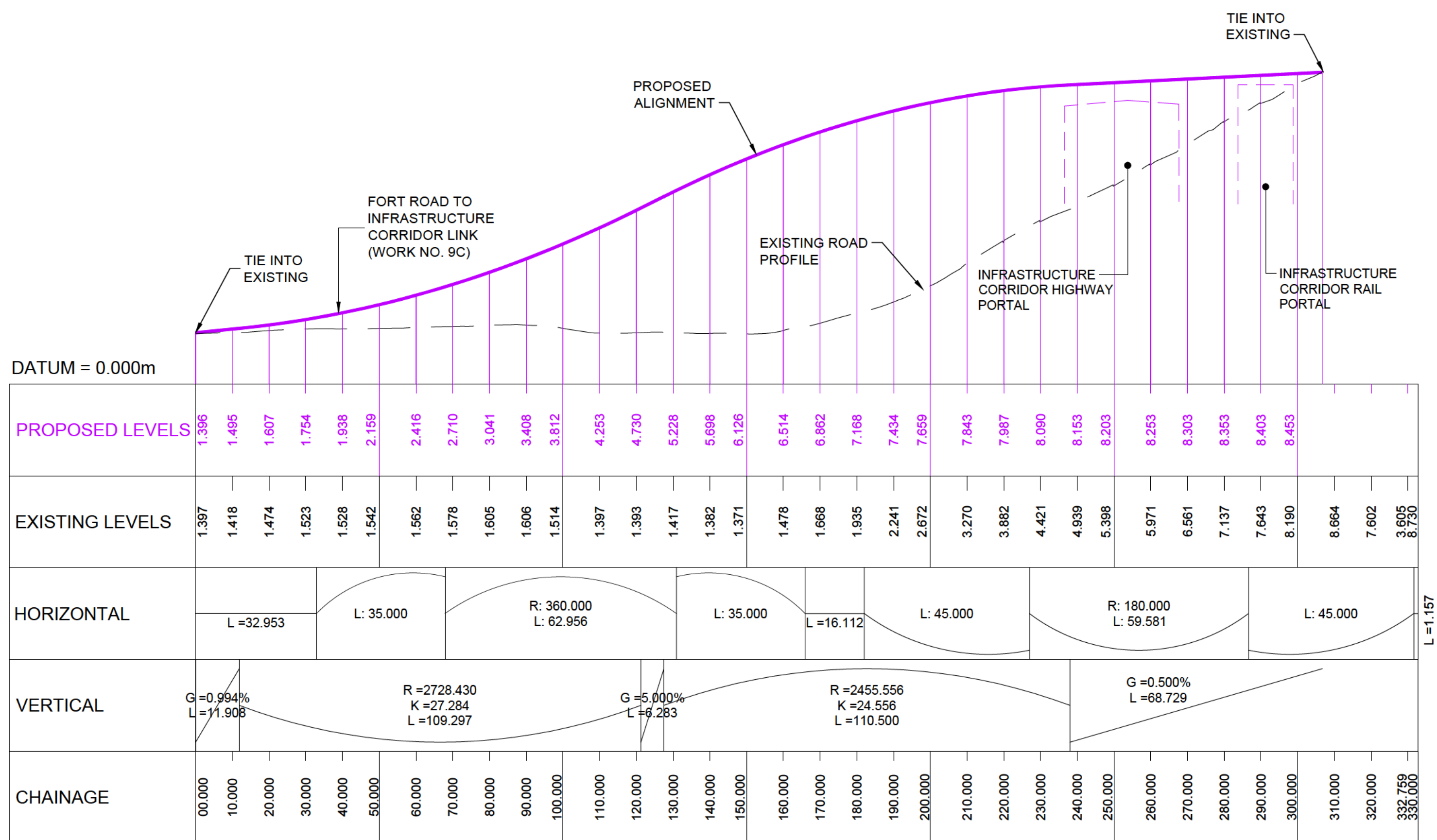


DESIGN SHOWN HERE IS FOR ILLUSTRATIVE PURPOSES ONLY



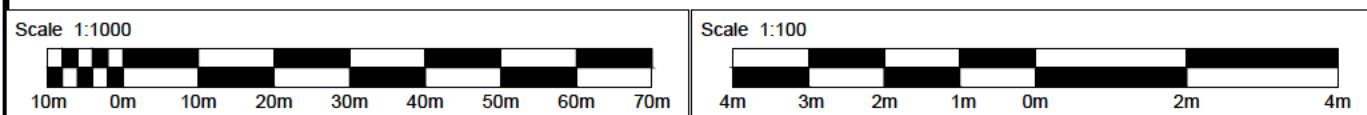
LONG SECTION - FORT ROAD TO INFRASTRUCTURE CORRIDOR LINK - WORK NO. 9C

SCALE : 1:1000 HORIZONTAL 1:100 VERTICAL @ A1, 1:2000 HORIZONTAL 1:200 VERTICAL @ A3



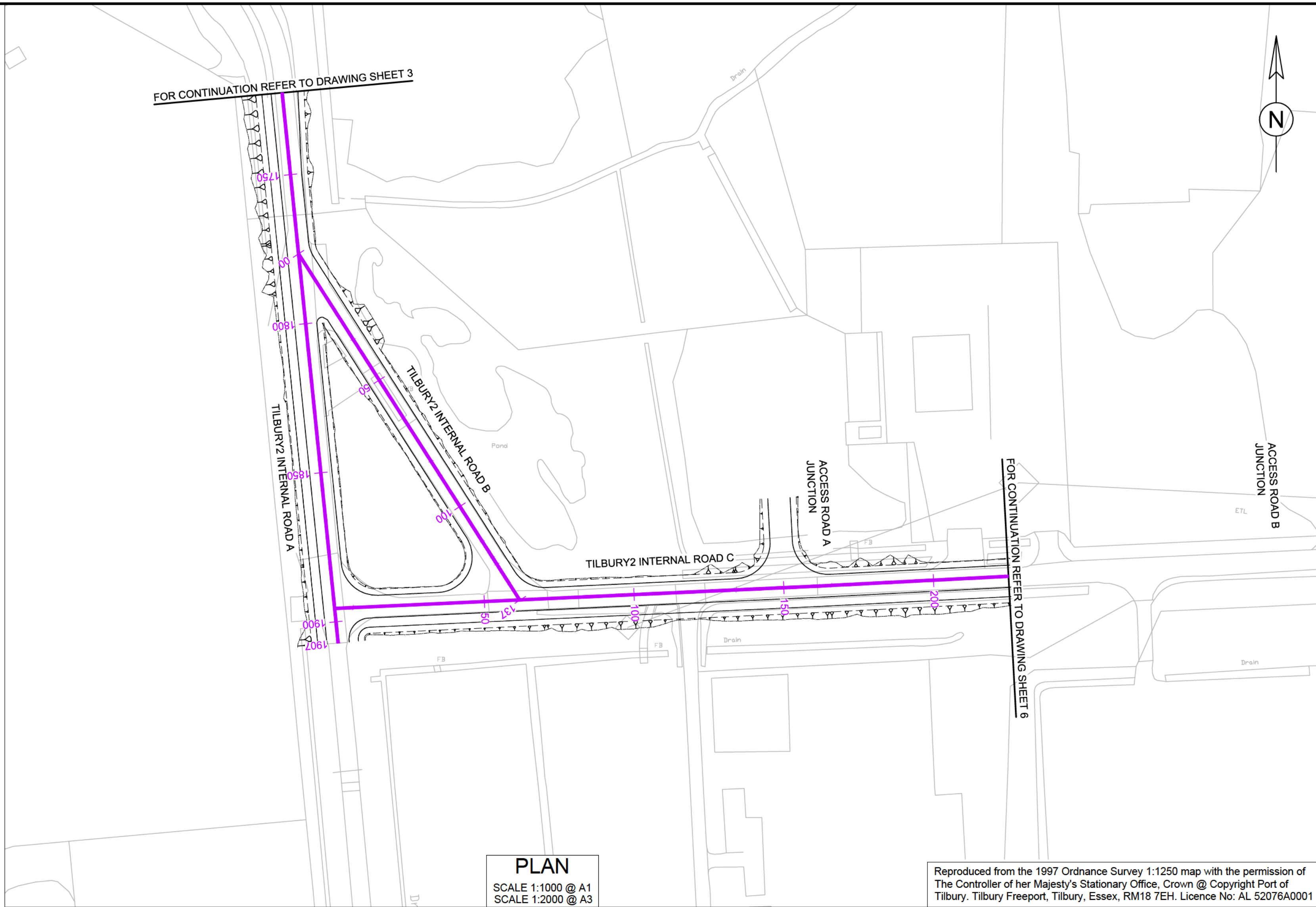
LONG SECTION - FORT ROAD WORK NO. 10

SCALE : 1:1000 HORIZONTAL 1:100 VERTICAL @ A1, 1:2000 HORIZONTAL 1:200 VERTICAL @ A3



Rev.	Date	Description	By	Chkd	App'd
Drawing Status					
DCO SUBMISSION					
S0					
Client					
ATKINS					
Western House (Block C) Peterborough Business Park Lynch Wood Peterborough PE2 6FZ Tel: +44 (0)1733 366900 Fax: +44 (0)1733 366999 www.atkinsglobal.com					
Copyright © Atkins Limited (2017)					
Project Title					
PORT OF TILBURY LONDON					
Drawing Title					
ENGINEERING SECTIONS & PLANS HIGHWAY MAINLINE REGULATIONS 5(2)(o) & 5(2)(p) & 6(2) Sheet 4 OF 7					
Scale	Designed	Drawn	Checked	Authorised	
AS SHOWN	SM	SM	TWR	SR	
Original Size	Date	Date	Date	Date	
A1	02/06/17	02/06/17	02/06/17	16/10/17	
Drawing Number					Revision
5153187-ATK-ZZ-XX-DR-IR-1514					P01

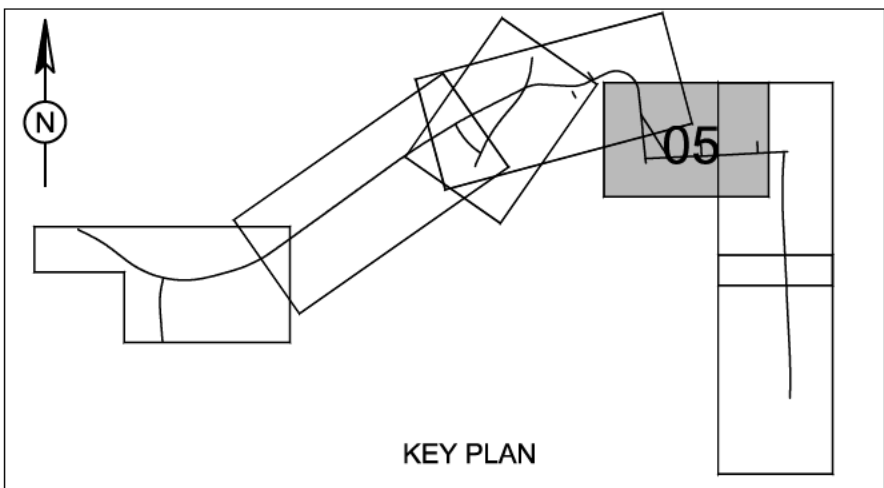
100
0 10
Millimetres



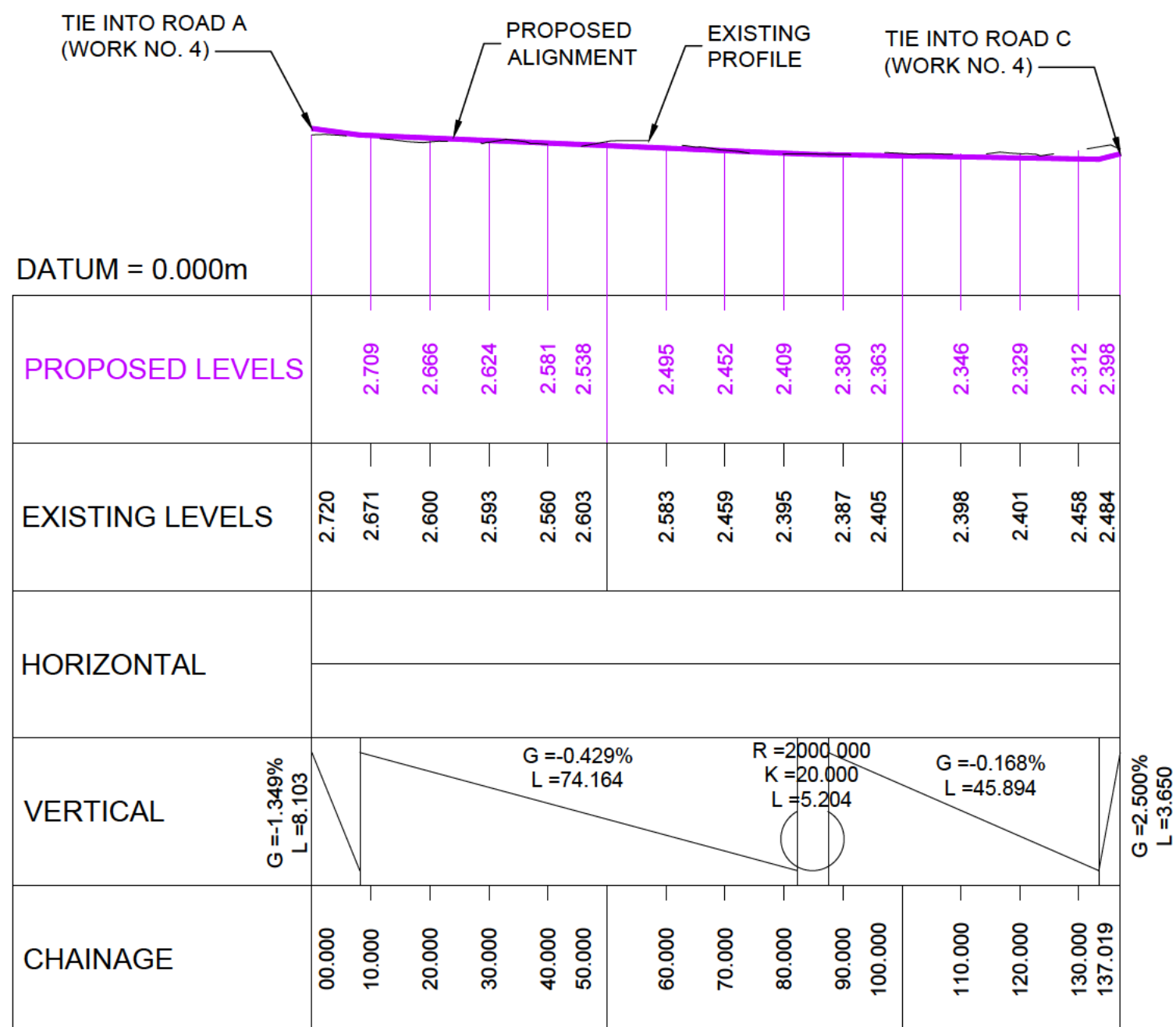
DO NOT SCALE

NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION. IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
3. WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
5. LEVELS SHOWN ARE INDICATIVE.

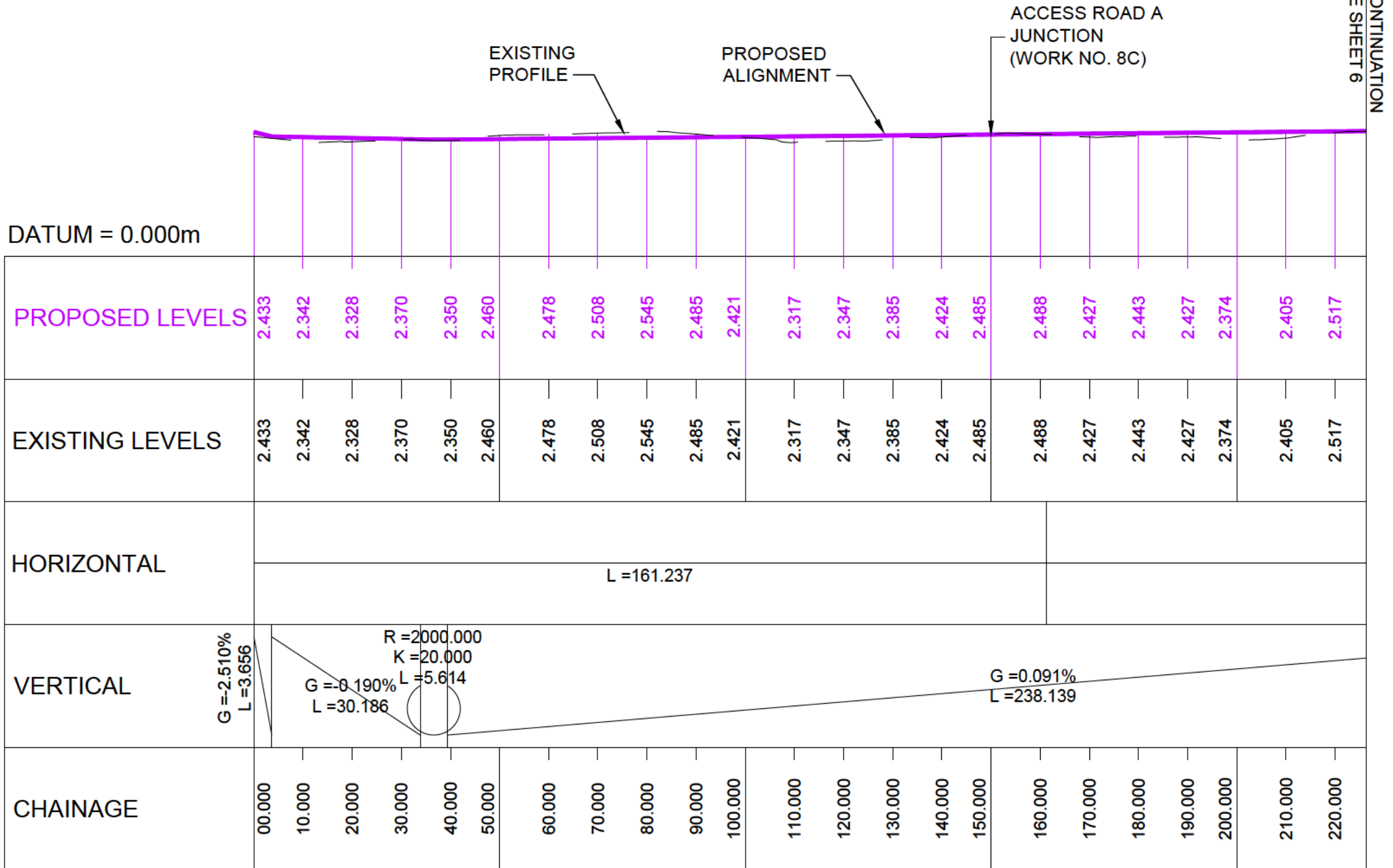


DESIGN SHOWN HERE
IS FOR ILLUSTRATIVE
PURPOSES ONLY



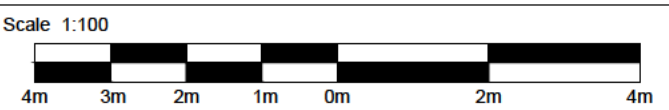
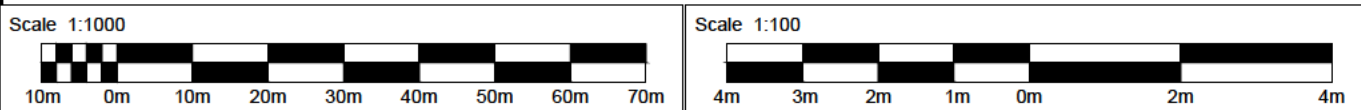
LONG SECTION - TILBURY2 INTERNAL ROAD B
WORK NO. 4

SCALE : 1:1000 HORIZONTAL 1:100 VERTICAL @ A1, 1:2000 HORIZONTAL 1:200 VERTICAL @ A3

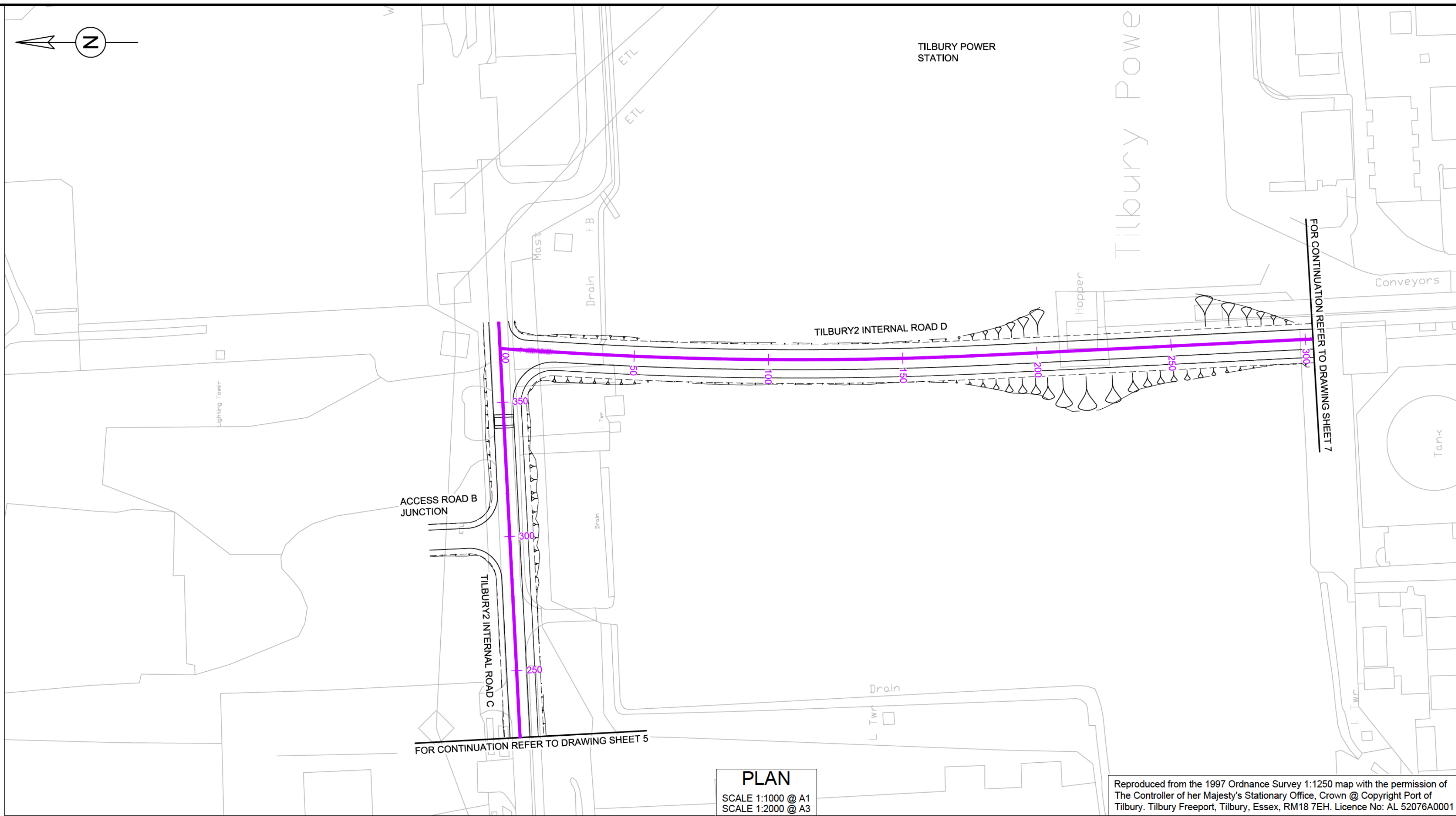


LONG SECTION - TILBURY2 INTERNAL ROAD C
WORK NO. 4

SCALE : 1:1000 HORIZONTAL 1:100 VERTICAL @ A1, 1:2000 HORIZONTAL 1:200 VERTICAL @ A3



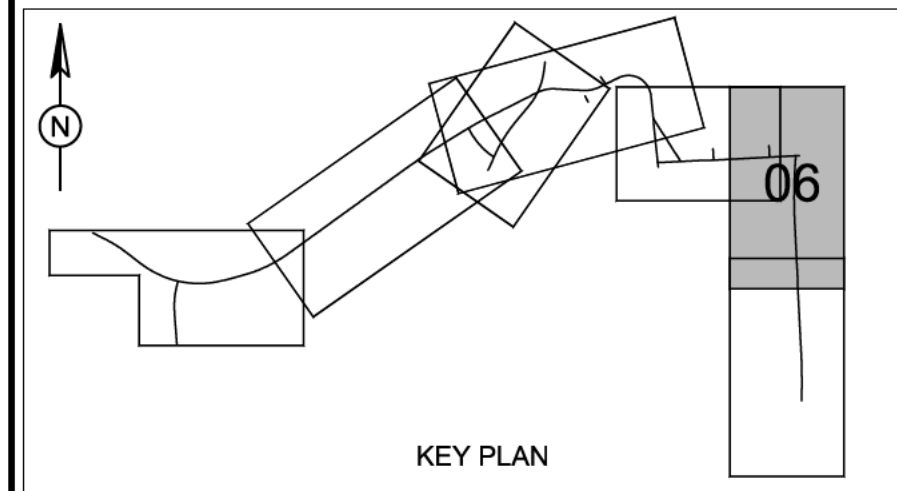
0 10 100
Millimetres



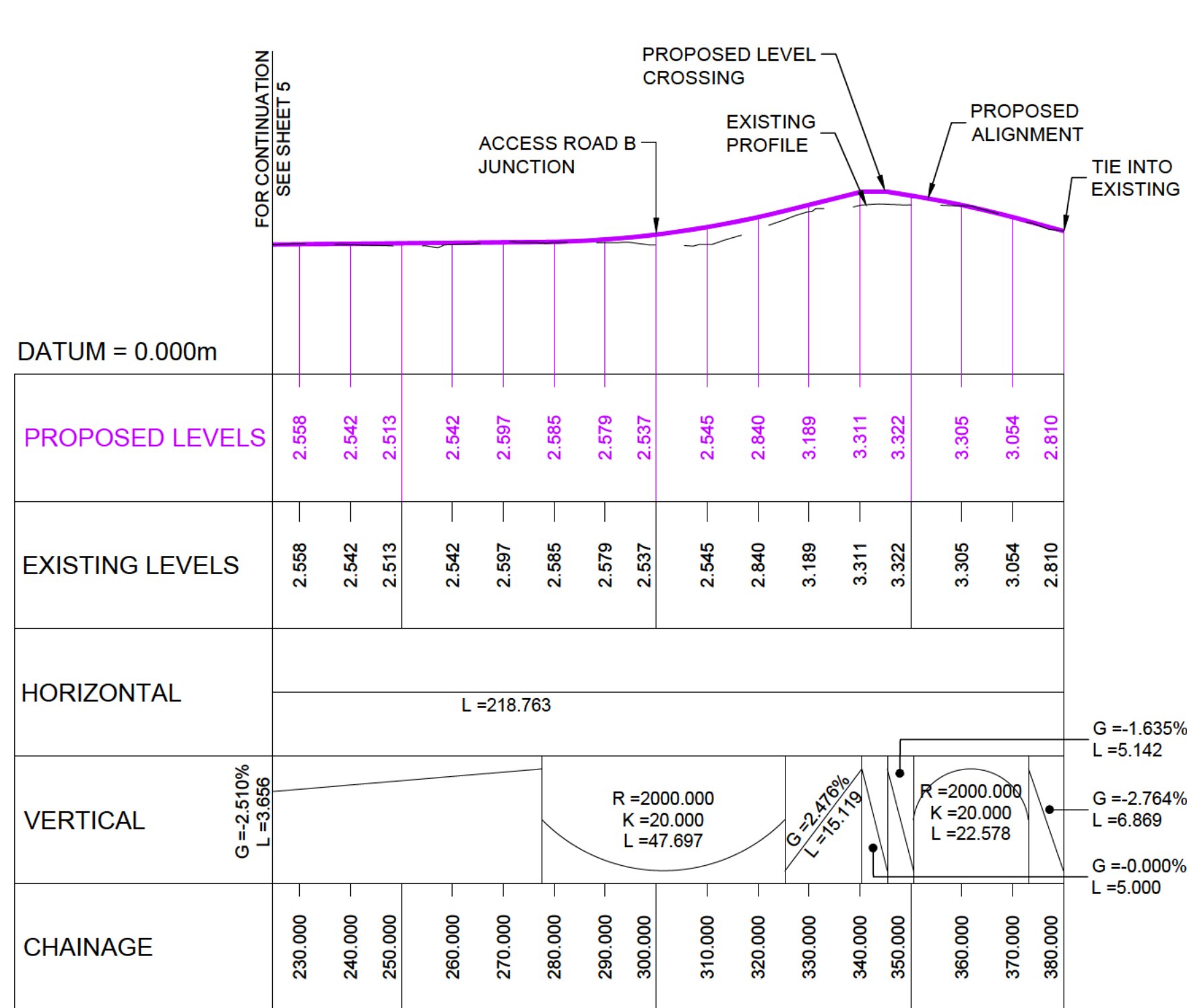
DO NOT SCALE

NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION. IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
3. WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
5. LEVELS SHOWN ARE INDICATIVE.

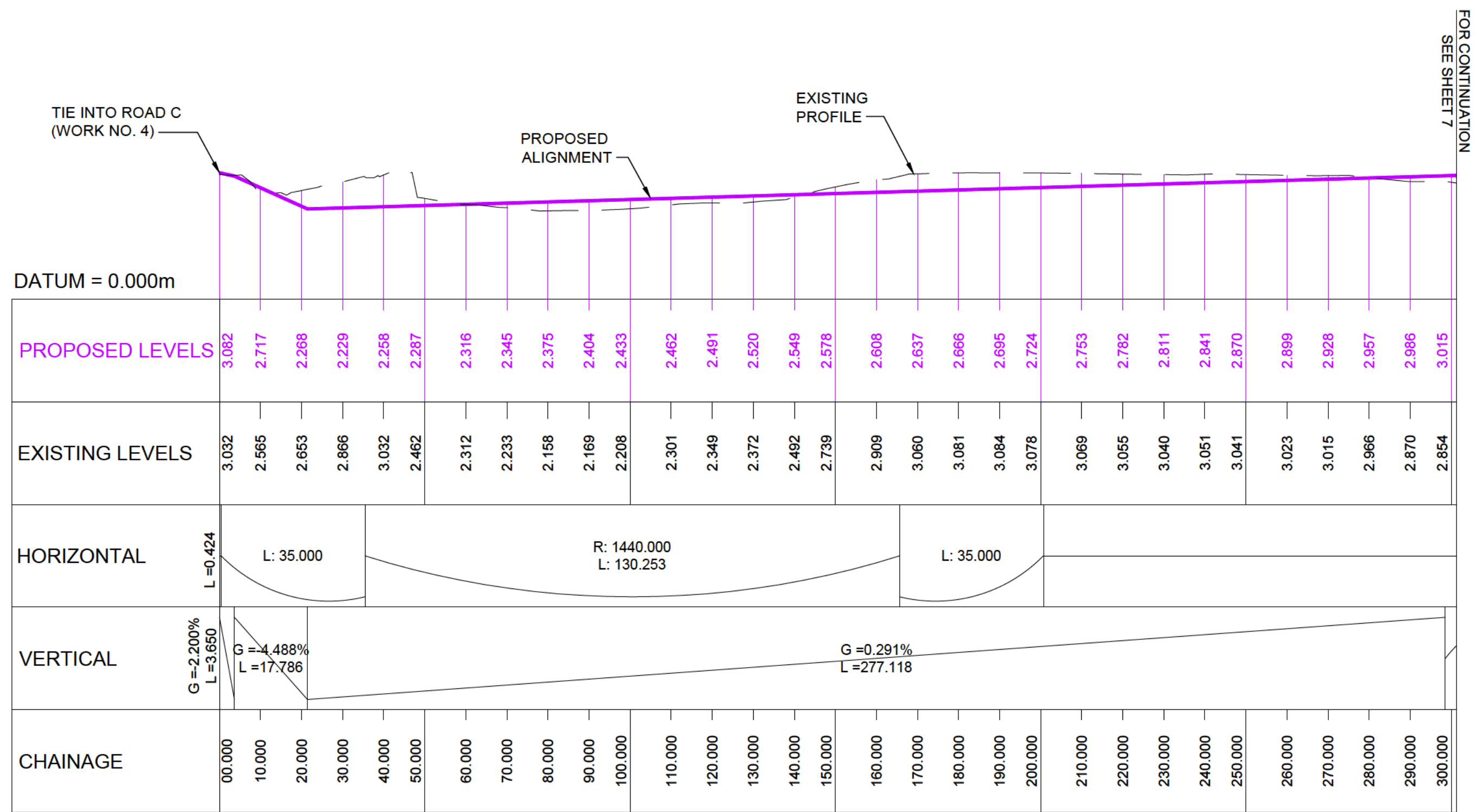


DESIGN SHOWN HERE
IS FOR ILLUSTRATIVE
PURPOSES ONLY



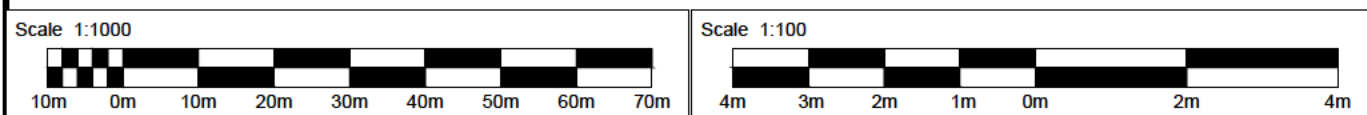
LONG SECTION - TILBURY2 INTERNAL ROAD C
WORK NO. 4

SCALE : 1:1000 HORIZONTAL 1:100 VERTICAL @ A1, 1:2000 HORIZONTAL 1:200 VERTICAL @ A3

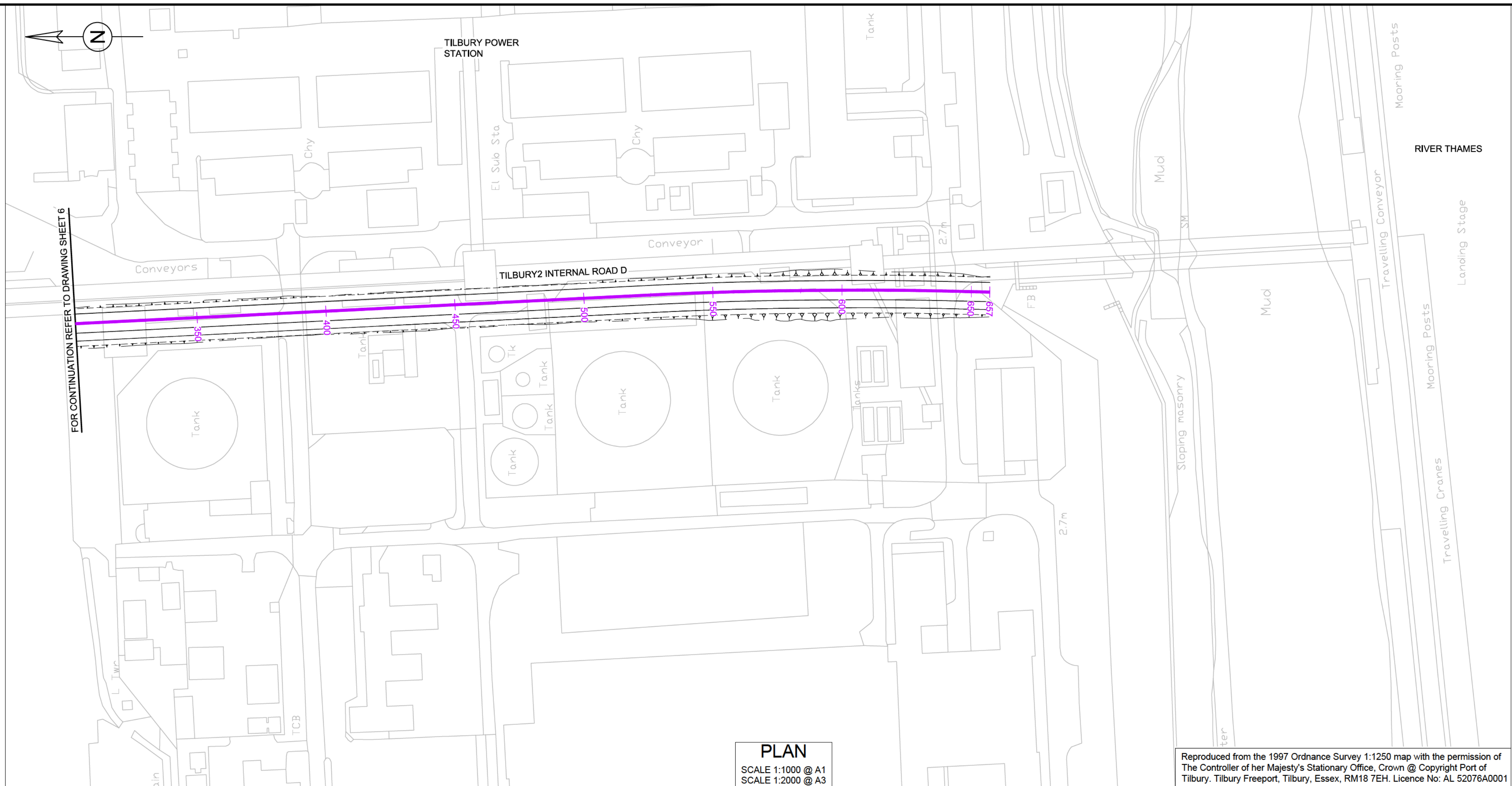


LONG SECTION - TILBURY2 INTERNAL ROAD D
WORK NO. 8B

SCALE : 1:1000 HORIZONTAL 1:100 VERTICAL @ A1, 1:2000 HORIZONTAL 1:200 VERTICAL @ A3

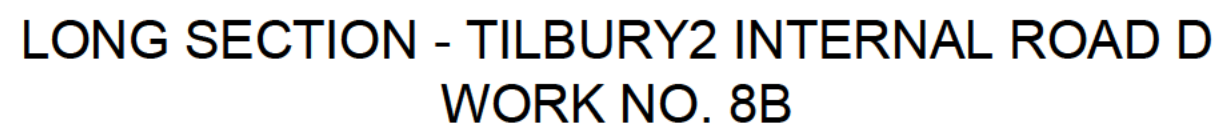
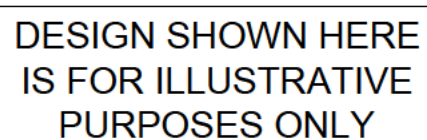


Rev.	Date	Description	By	Chkd	App'd
Drawing Status					
DCO SUBMISSION					
S0					
Client					
ATKINS					
Western House (Block C) Peterborough Business Park Lynch Wood Peterborough PE2 6FZ Tel: +44 (0)1733 366900 Fax: +44 (0)1733 366999 www.atkinsglobal.com					
Copyright © Atkins Limited (2017)					
Project Title					
TILBURY2					
Drawing Title					
ENGINEERING SECTIONS & PLANS PORT INTERNAL ROADS REGULATIONS 5(2)(o) & 5(2)(p) & 6(2) Sheet 6 of 7					
Scale	Designed	Drawn	Checked	Authorised	
AS SHOWN	SM	SM	TWR	SR	
Original Size	Date	Date	Date	Date	
A1	02/06/17	02/06/17	02/06/17	16/10/17	
Drawing Number				Revision	
5153187-ATK-ZZ-XX-DR-IR-1516				P01	



NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION, IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
3. WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
5. LEVELS SHOWN ARE INDICATIVE.



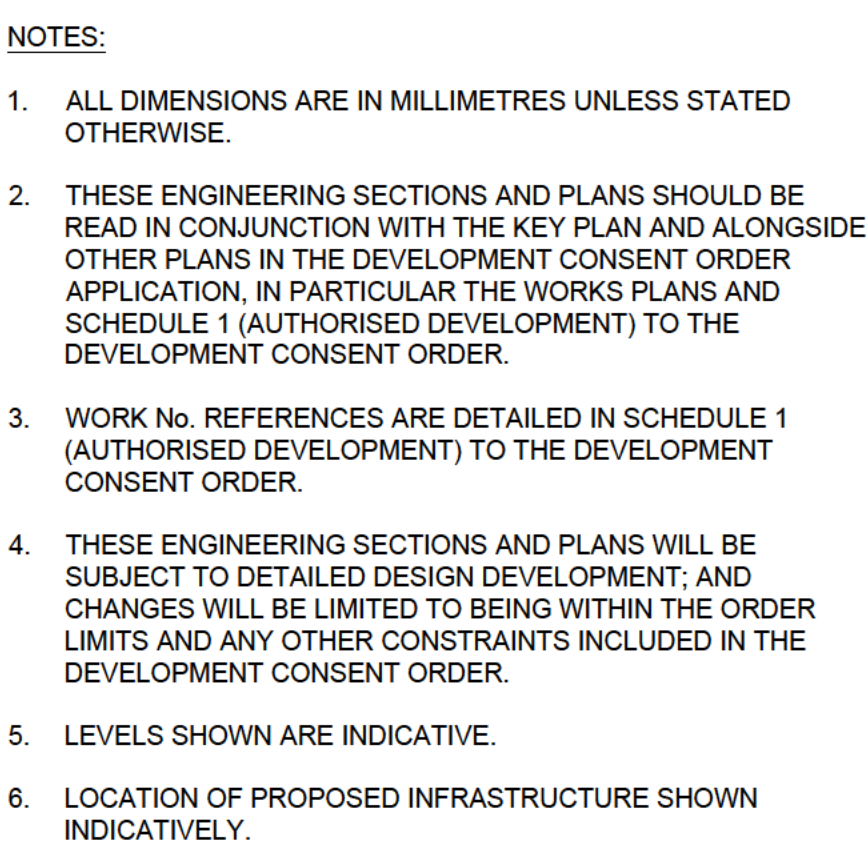
Scale 1:1000

10m 0m 10m 20m 30m 40m 50m 60m 70m

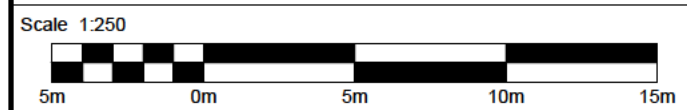
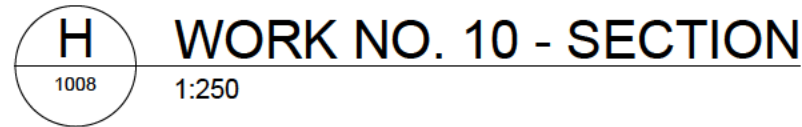
Scale 1:100

4m 3m 2m 1m 0m 2m 4m

USER: SCORTR646
Date: 28/10/17 17:10:10
Filename: P:\GIBEM\MCWEE\Projects\Trans\2016\1714_POTL RRo Terminal Design\7 WIP\Drawings\7.1 WIP\T0008 Int Corridor Prelim\Drawings\DCO Submissions\5153187-ATK-ZX-ZX-DR-IR-1517 - Engineering Plan Section Sh.7 of 7.dwg



DESIGN SHOWN HERE
FOR ILLUSTRATIVE
PURPOSES ONLY



P3	23/11/17	D MENSIONS ADDED AND DRAWING TITLE AMENDED	LJC	PC	SR
P2	17/10/17	KEY PLAN AMENDED	BJH	SR	SR
P1	13/09/17	PINS REVIEW	JS	SR	SR
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status	Suitability
ERRATA SUBMISSION	SO

ATKINS

Western House (Block C)
Peterborough Business Park
Lynch Wood
Peterborough
PE2 8FZ

Tel: +44 (0)1733 366900
Fax: +44 (0)1733 366999
www.atkinsglobal.com

Copyright © Atkins Limited (2017)

Client



PORT OF
TILBURY
LONDON

Project Title

 **TILBURY2**

Drawing Title

ENGINEERING SECTIONS & PLANS
HIGHWAY MAINLINE/INTERNAL PORT RDS.
REGULATION 5(2)(o) 5(2)(p) & 6(2)
FORT ROAD BRIDGE

Scale	Designed	Drawn	Checked	Authorised
AS SHOWN	ATP	DMA	PC	SR
Original Size	Date	Date	Date	Date
A1	22/08/17	22/08/17	13/09/17	13/09/17
Drawing Number				Revision
5153187-ATK-ZZ-XX-DR-ZZ-1008				P03

100
Millimetres
0 10

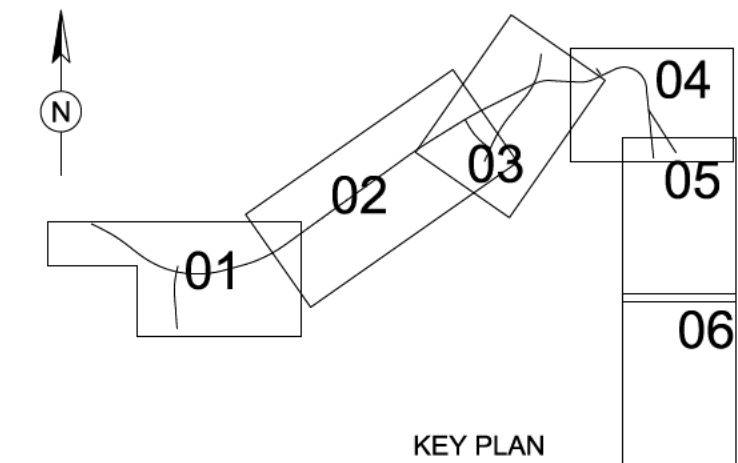
DO NOT SCALE

NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION, IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
3. WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
5. LEVELS SHOWN ARE INDICATIVE.

KEY:

PROPOSED TRACK



DESIGN SHOWN HERE
IS FOR ILLUSTRATIVE
PURPOSES ONLY

Rev.	Date	Description	By	Cnk'd	App'd
------	------	-------------	----	-------	-------

Drawing Status	DCO SUBMISSION	Suitability	SO
----------------	----------------	-------------	----

Western House (Block C)
Peterborough Business Park
Lynch Wood
Peterborough
PE2 6FZ

Tel: +44 (0)1733 366900
Fax: +44 (0)1733 366999
www.atkinsglobal.com

Copyright © Atkins Limited (2017)

Client



PORT OF
TILBURY
LONDON

Project Title

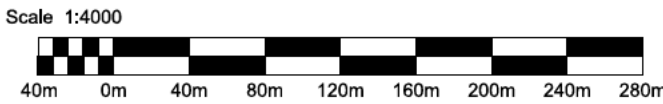
TILBURY2

Drawing Title
ENGINEERING SECTIONS & PLANS
RAILWAY ALIGNMENT
REGULATIONS 5 (2)(o) & 5(2)(p) & 6(2)
KEY PLAN

Scale	Designed	Drawn	Checked	Authorised
1:4000	DG	DG	LF	SR
Original Size	Date	Date	Date	Date
A1	12/10/17	12/10/17	12/10/17	12/10/17

Drawing Number	Revision
5153187-ATK-ZZ-XX-DR-IH-1400	P01

Reproduced from the 1997 Ordnance Survey 1:250 map with the permission of The Controller of her Majesty's Stationary Office, Crown © Copyright Port of Tilbury. Tilbury Freeport, Tilbury, Essex, RM18 7EH. Licence No: AL 52076A0001



100
0 10
Millimetres



FROM TILBURY TOWN
DOWN TILBURY
TILBURY RAILPORT JN

RIVERSIDE SIDING

EXISTING PORT RAIL GATES
(DESIGN CHAINAGE DATUM 1000.000m)

NETWORK RAIL OPERATIONAL/BOUNDARY FENCE

NETWORK RAIL OPERATIONAL/BOUNDARY FENCE

SECOND SIDING PASSIVE PROVISION
FOR FUTURE TURNOUT A: CEN56 BV5
HANDPOINTS

DRIVERS WALKWAY

UP & DOWN THROUGH SIDING

EXISTING RIVERSIDE
SIDINGS TO BE
DISCONNECTED

PLAN-WORK NO. 12

SCALE 1:1000 @ A1
SCALE 1:2000 @ A3

CROSS SECTION A-A CH: 1030

SCALE 1:50

CROSS SECTION B-B CH: 1200

SCALE 1:50

CROSS SECTION C-C CH: 1410

SCALE 1:50

LEVEL #1.904m
CHAINAGE = 951.815m

LEVEL #1.925m
CHAINAGE = 1009.842m

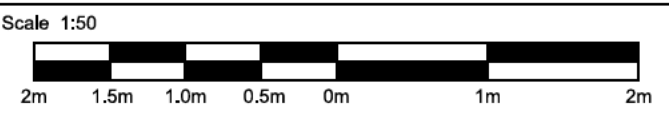
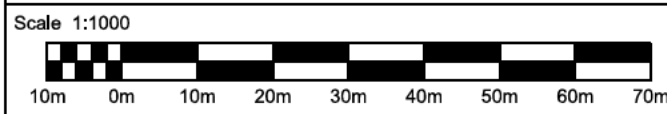
LEVEL #1.858m
CHAINAGE = 1039.842m

LEVEL #2.218m
CHAINAGE = 1184.031m

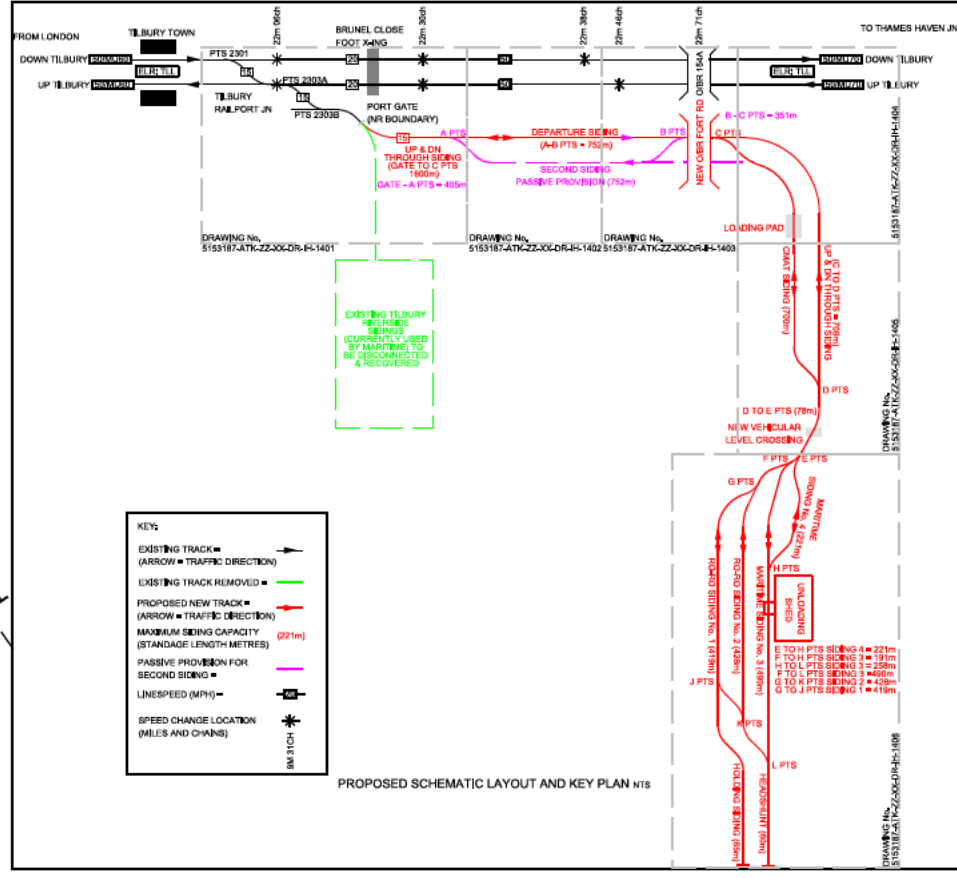
LEVEL #2.235m
CHAINAGE = 1214.031m

LEVEL DATUM = 0.000m AOD

CHAINAGE	951.000	960.000	970.000	980.000	990.000	1000.000	1010.000	1020.000	1030.000	1040.000	1050.000	1060.000	1070.000	1080.000	1090.000	1100.000	1110.000	1120.000	1130.000	1140.000	1150.000	1160.000	1170.000	1180.000	1190.000	1200.000	1210.000	1220.000	1230.000	1240.000	1250.000	1260.000	1270.000	1280.000	1290.000	1300.000	1310.000	1320.000	1330.000	1340.000	1350.000	1360.000	1370.000	1380.000	1390.000	1400.000	1410.000	1420.000	1430.000	1440.000				
DESIGN LOW RAIL		1.907	1.911	1.914	1.918	1.922	1.925	1.931	1.942	1.958	1.976	1.994	2.012	2.030	2.048	2.066	2.084	2.103	2.121	2.139	2.157	2.175	2.193	2.211	2.227	2.246	2.267	2.291	2.311	2.324	2.341	2.355	2.374	2.394	2.419	2.441	2.461	2.472	2.484	2.496	2.508	2.528	2.548	2.568	2.588	2.608	2.628	2.648	2.668					
EXISTING GROUND/ RAIL LEVEL		1.904	1.908	1.914	1.918	1.922	1.925	1.931	1.942	1.958	1.976	1.994	2.012	2.030	2.048	2.066	2.084	2.103	2.121	2.139	2.157	2.175	2.193	2.211	2.227	2.246	2.267	2.291	2.311	2.324	2.341	2.355	2.374	2.394	2.419	2.441	2.461	2.472	2.484	2.496	2.508	2.528	2.548	2.568	2.588	2.608	2.628	2.648	2.668					
PROPOSED RAIL TO EXISTING GROUND LEVEL		0.003	0.002	0.009	0.014	0.021	0.026	0.032	0.036	0.046	0.057	0.067	0.074	0.078	0.083	0.089	0.091	0.094	0.096	0.098	0.100	0.102	0.104	0.106	0.108	0.110	0.112	0.114	0.116	0.118	0.120	0.122	0.124	0.126	0.128	0.130	0.132	0.134	0.136	0.138	0.140	0.142	0.144	0.146	0.148	0.150	0.152	0.154	0.156	0.158	0.160			
HORIZONTAL ALIGNMENT	CH=951.815 STRAIGHT L=29.000m R=190.801m L=23.536m CH=980.815 STRAIGHT L=17.900m R=181.406m L=203.166m CH=1009.842 STRAIGHT L=92.401m R=250.000m L=89.261m CH=1039.842 STRAIGHT L=180.000m R=144.189m L=30.000m R=20885.731m G=0.037% (1 IN 2703) G=0.180% (1 IN 556) G=0.070% (1 IN 1429)																																																					
VERTICAL ALIGNMENT																																																						



LONGSECTION-WORK NO. 12

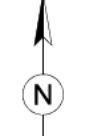


NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION, IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
- WORK NO, REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
- THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
- LEVELS SHOWN ARE INDICATIVE.
- CHAINAGE DATUM 1000M LOCATED AT THE ACCESS GATE PORTAL ADJACENT TO THE NETWORK RAIL MAIN LINES.

KEY

- HORIZONTAL TANGENT POINT (TP) AND
DIRECTION OF CURVATURE
- FOULING POINT
- CLEARANCE POINT
- PROPOSED TRACK
- EMBANKMENT/EARTHWORKS
- PASSIVE PROVISION FOR SECOND SIDING



01

KEY PLAN

DESIGN SHOWN HERE
IS FOR ILLUSTRATIVE
PURPOSES ONLY

Rev.	Date	Description	By	Ck'd	App'd
------	------	-------------	----	------	-------

Drawing Status **DCO SUBMISSION** Suitability **SO**

ATKINS Western House (Block C)
Peterborough Business Park
Lynch Wood
Peterborough
PE2 6FZ
Tel: +44 (0)1733 366900
Fax: +44 (0)1733 366999
www.atkinsglobal.com

Copyright © Atkins Limited (2017)



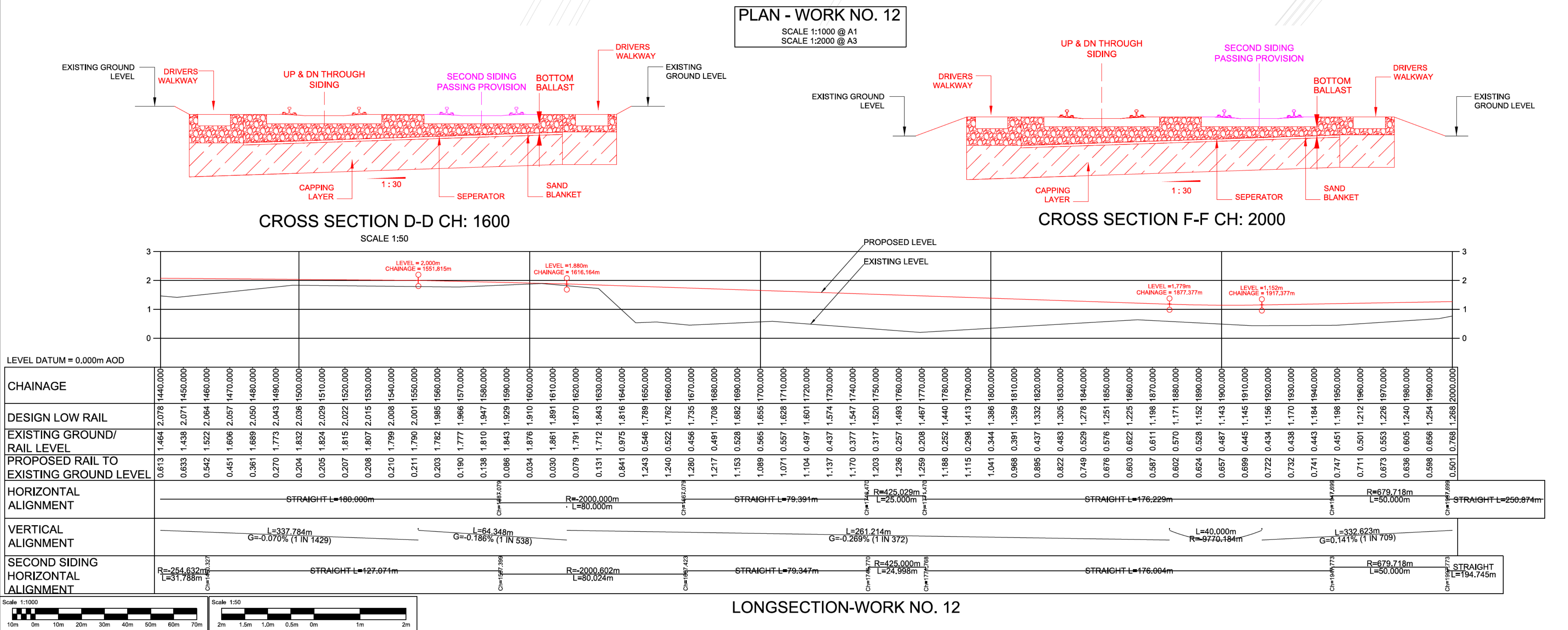
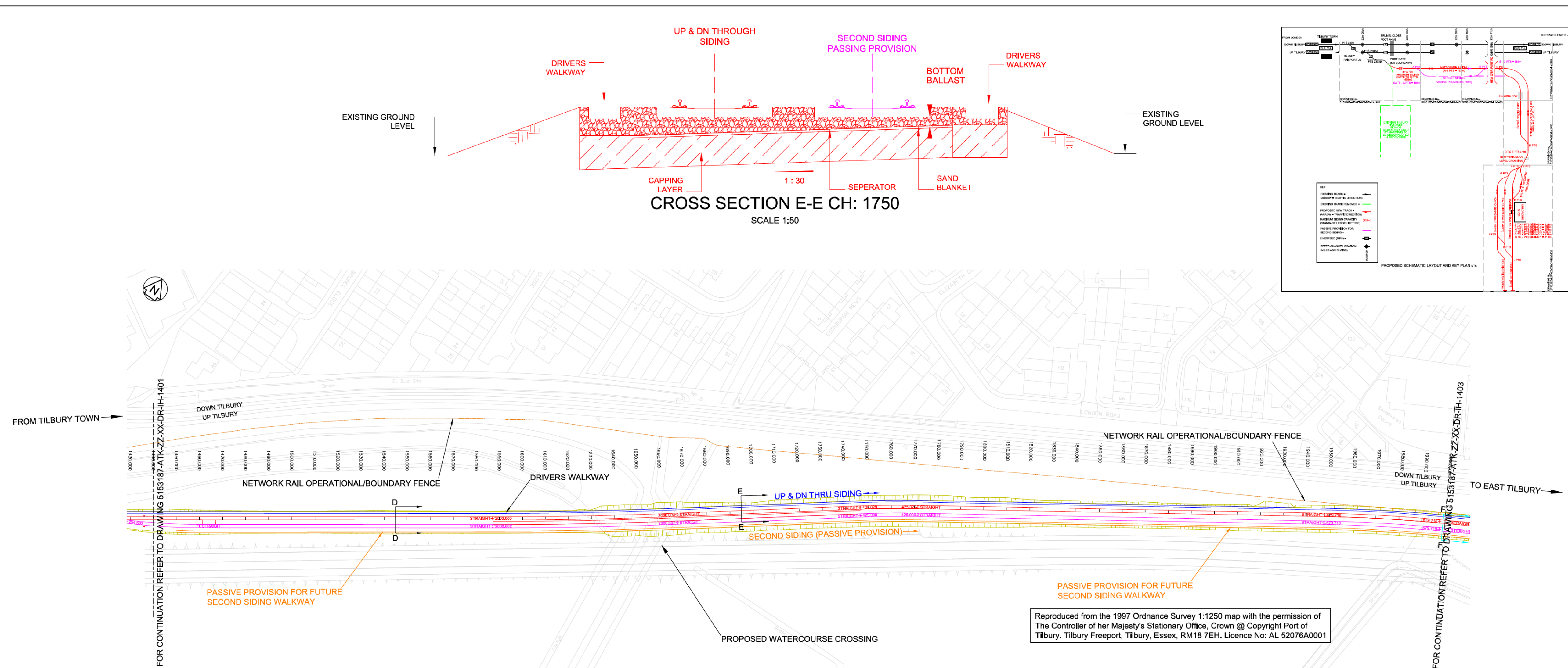
Project Title **TILBURY2**

Drawing Title **ENGINEERING SECTIONS & PLANS
RAILWAY ALIGNMENT
REGULATIONS 5 (2)(o) & 5(2)(p) & 6(2)
Sheet 1 of 6**

Scale	Designed	Drawn	Checked	Authorised
1:1000	DG	DG	SR	SR
Original Size	Date	Date	Date	Date
A1	12/10/17	12/10/17	12/10/17	12/10/17

Drawing Number **5153187-ATK-ZZ-XX-DR-IH-1401** Revision **P01**

100
0 10
Millimetres



- NOTES:
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 - THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION, IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
 - WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
 - THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
 - LEVELS SHOWN ARE INDICATIVE.
 - CHAINAGE DATUM 1000M LOCATED AT THE ACCESS GATE PORTAL ADJACENT TO THE NETWORK RAIL MAIN LINES.

KEY

HORIZONTAL TANGENT POINT (TP) AND DIRECTION OF CURVATURE

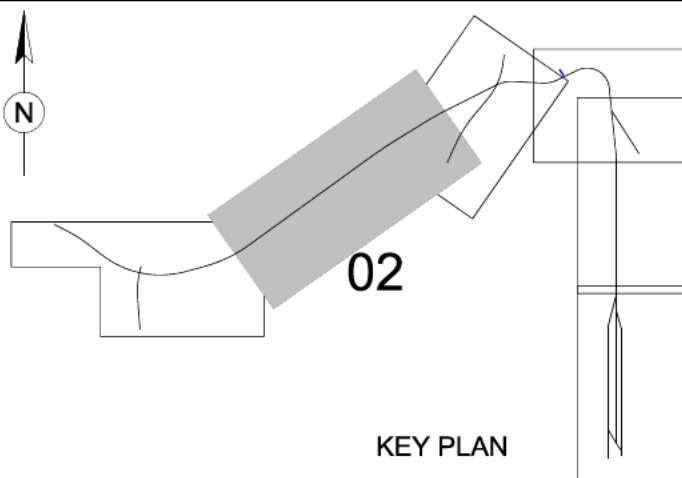
FOULING POINT

CLEARANCE POINT

PROPOSED TRACK

EMBANKMENT/EARTHWORKS

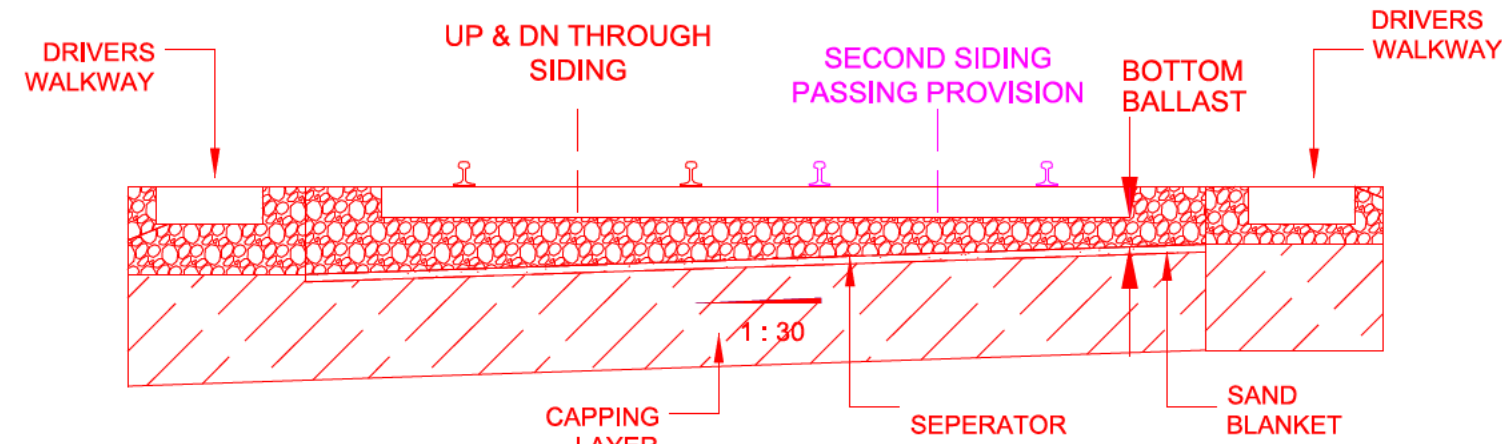
PASSIVE PROVISION FOR SECOND SIDING



DESIGN SHOWN HERE IS FOR ILLUSTRATIVE PURPOSES ONLY

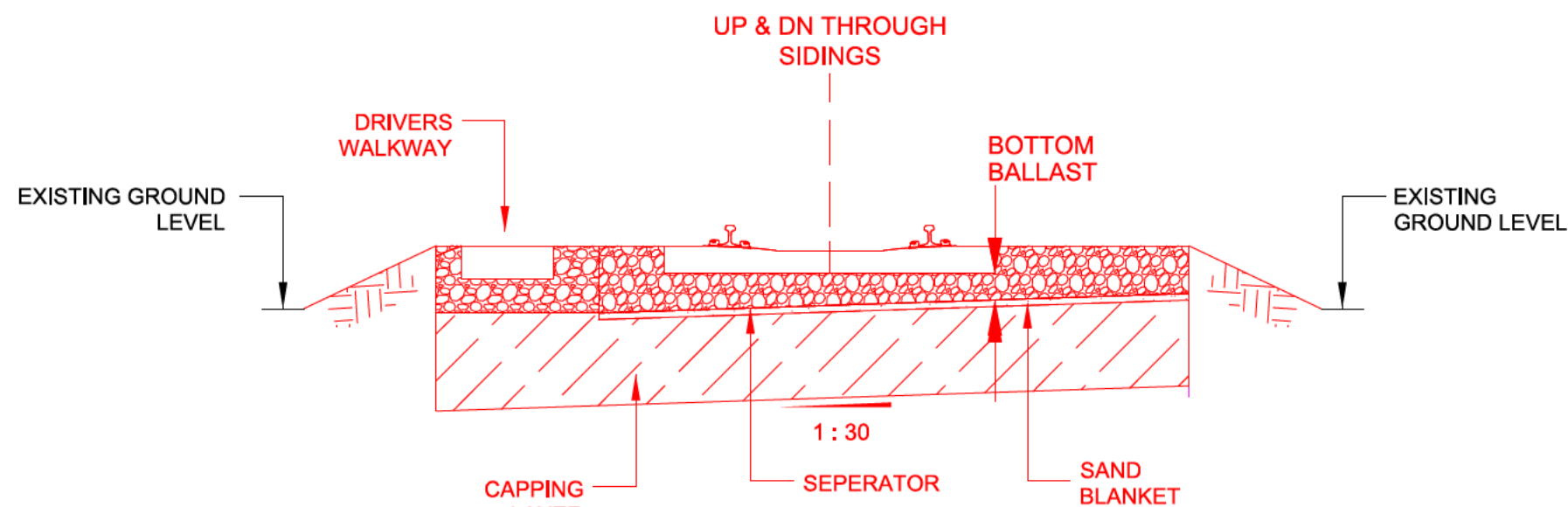
Rev.	Date	Description	By	Chk'd	App'd
Drawing Status					
DCO SUBMISSION					Suitability
ATKINS					SO
Copyright © Atkins Limited (2017)					
Client					
PORT OF TILBURY LONDON					
Project Title					
TILBURY2					
Drawing Title					
ENGINEERING SECTIONS & PLANS RAILWAY ALIGNMENT REGULATIONS 5 (2)(o) & 5(2)(p) & 6(2) Sheet 2 of 6					
Scale	Designed	Drawn	Checked	Authorised	
1:1000	DG	DG	SR	SR	
Original Size	Date	Date	Date	Date	
A1	12/10/17	12/10/17	12/10/17	12/10/17	
Drawing Number					Revision
5153187-ATK-ZZ-XX-DR-IH-1402					P01

100
0 10
Millimetres

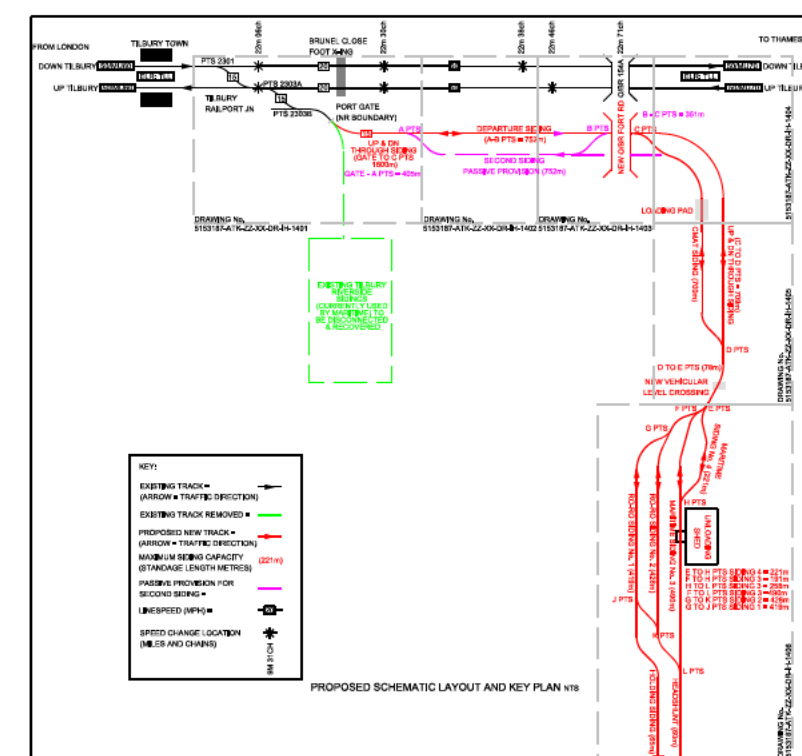


CROSS SECTION G-G CH: 2210

SCALE 1:50



CROSS SECTION H-H CH: 2400



NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION. IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
3. WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
5. LEVELS SHOWN ARE INDICATIVE.
6. CHAINAGE DATUM 1000M LOCATED AT THE ACCESS GATE PORTAL ADJACENT TO THE NETWORK RAIL MAIN LINES.

KEY

HORIZONTAL TANGENT POINT (TP) AND DIRECTION OF CURVATURE

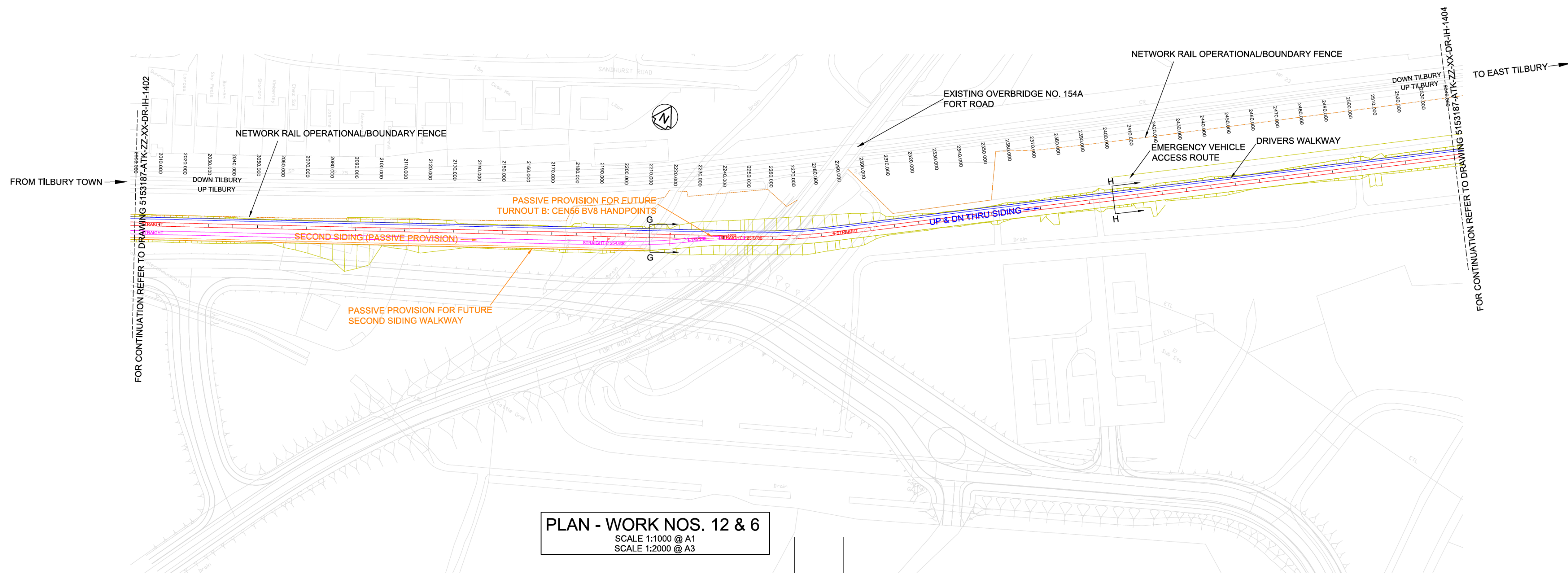
FOULING POINT

CLEARANCE POINT

PROPOSED TRACK

EMBANKMENT/EARTHWORKS

PASSIVE PROVISION FOR SECOND SIDING

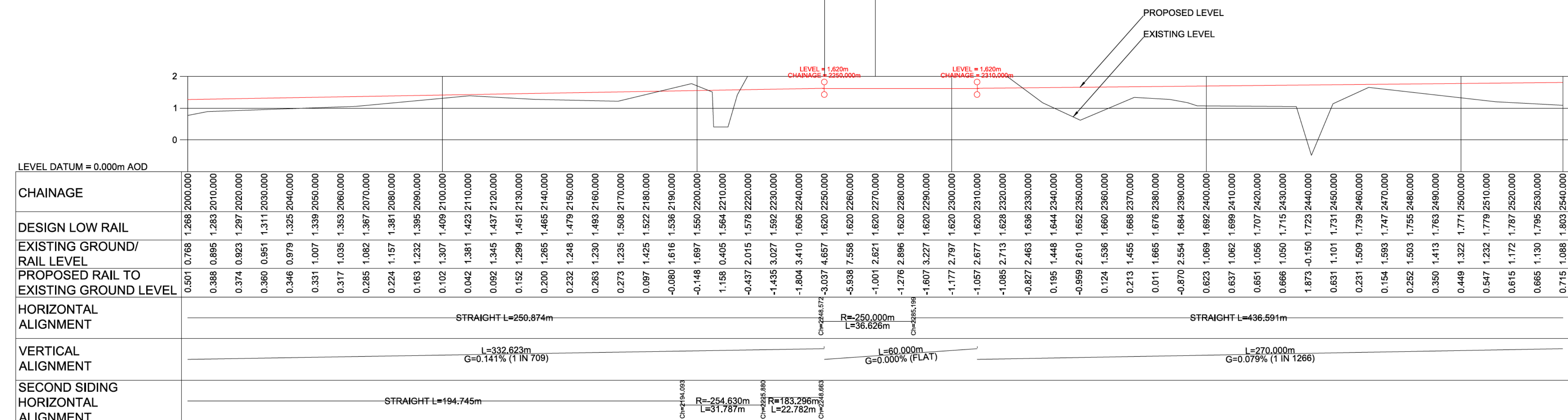


PLAN - WORK NOS. 12 & 6

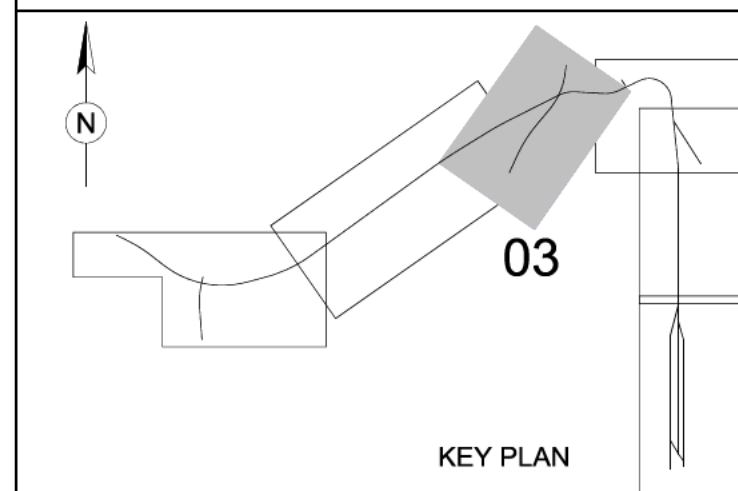
SCALE 1:1000 @ A1
SCALE 1:2000 @ A3

PROPOSED FORT ROAD OVERBRIDGE
(WORK NO. 10) MINIMUM HEADROOM 5.3m

Reproduced from the 1997 Ordnance Survey 1:1250 map with the permission of
The Controller of her Majesty's Stationary Office, Crown @ Copyright Port of
Tilbury, Tilbury Freeport, Tilbury, Essex, RM18 7EH. Licence No: AL 52076A0001



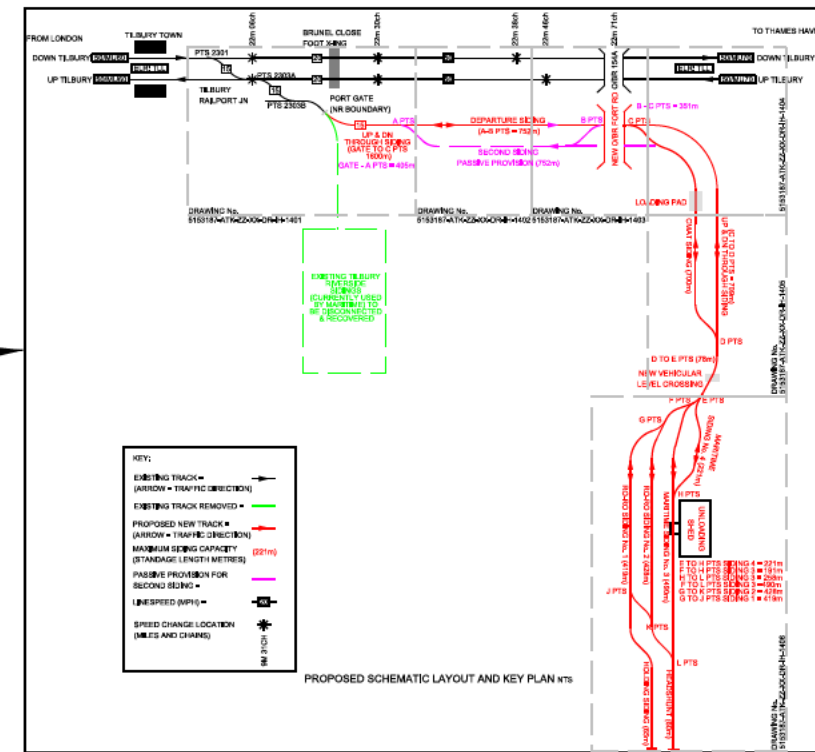
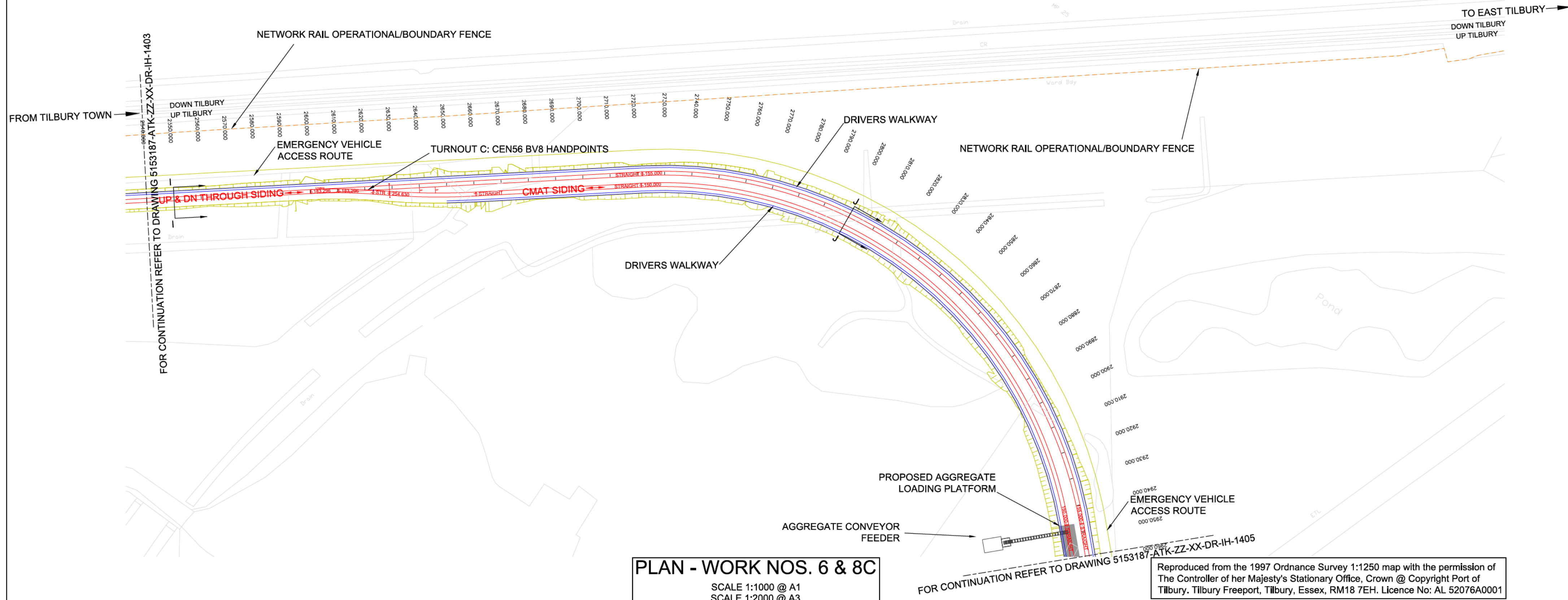
LONGSECTION-WORK NOS. 12 & 6



DESIGN SHOWN HERE
IS FOR ILLUSTRATIVE
PURPOSES ONLY

Rev.	Date	Description	By	Chk'd	App'd
Drawing Status					Suitability
DCO SUBMISSION					SO
ATKINS					
Western House (Block C) Peterborough Business Park Lynch Wood Peterborough PE2 6FZ Tel: +44 (0)1733 366900 Fax: +44 (0)1733 366999 www.atkinsglobal.com					
Copyright © Atkins Limited (2017)					
Client					
Project Title					
Drawing Title					
ENGINEERING SECTIONS & PLANS RAILWAY ALIGNMENT REGULATIONS 5 (2)(o) & 5(2)(p) & 6(2) Sheet 3 of 6					
Scale	Designed	Drawn	Checked	Authorised	
1:1000	DG	DG	SR	SR	
Original Size	Date	Date	Date	Date	
A1	12/10/17	12/10/17	12/10/17	12/10/17	
Drawing Number	Revision				
5153187-ATK-ZZ-XX-DR-IH-1403	P01				

100
0 10
Millimetres



NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION. IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
3. WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
5. LEVELS SHOWN ARE INDICATIVE.
6. CHAINAGE DATUM 1000M LOCATED AT THE ACCESS GATE PORTAL ADJACENT TO THE NETWORK RAIL MAIN LINES.

KEY

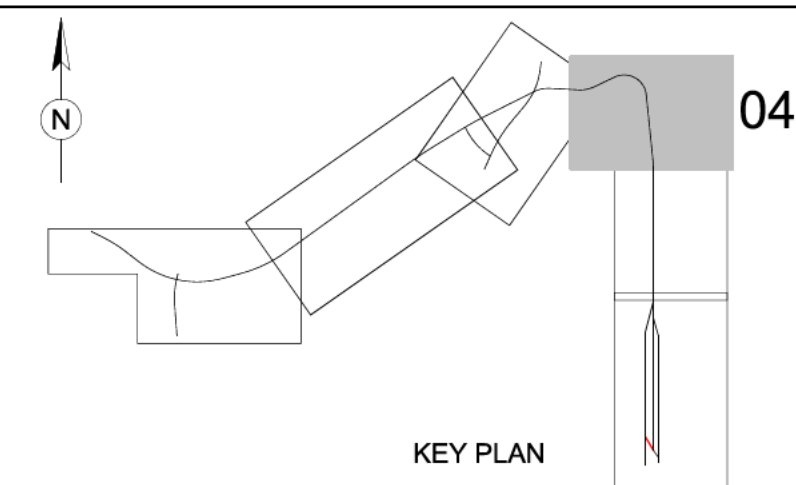
HORIZONTAL TANGENT POINT (TP) AND DIRECTION OF CURVATURE

FOULING POINT

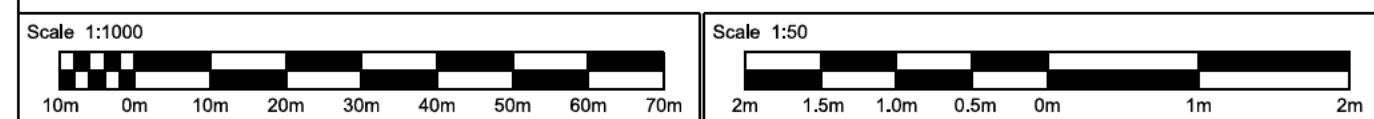
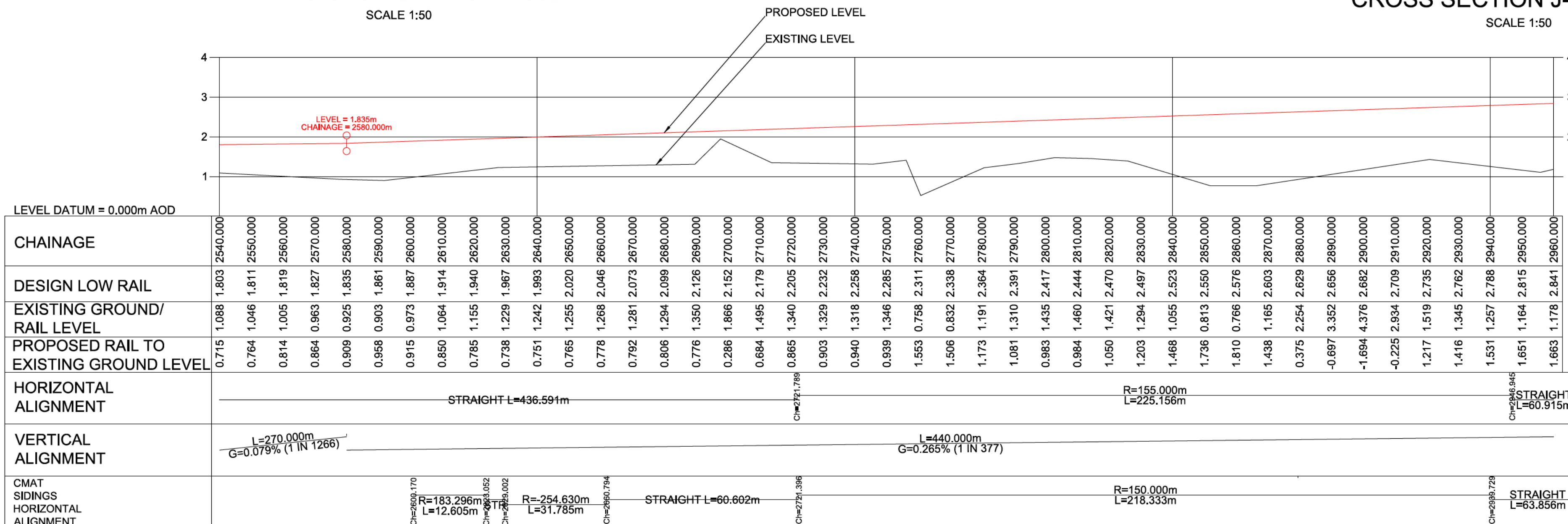
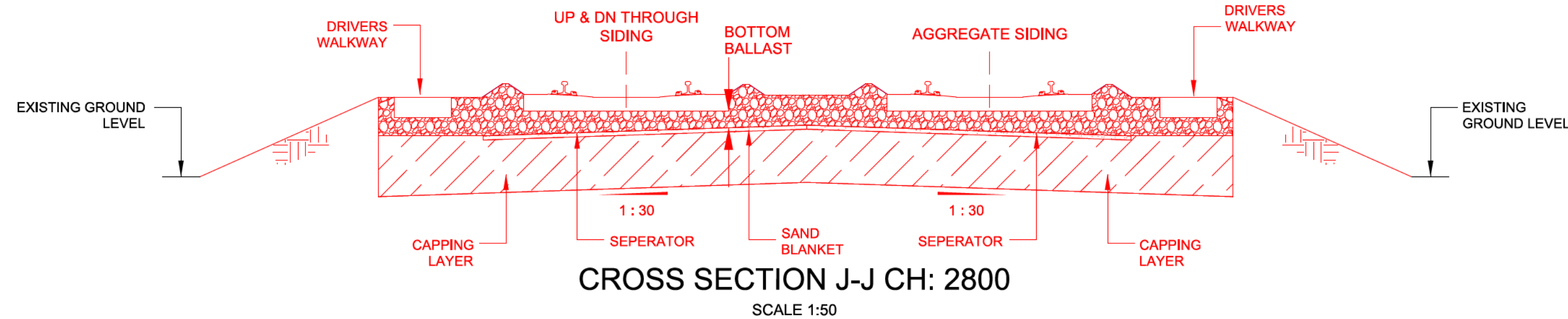
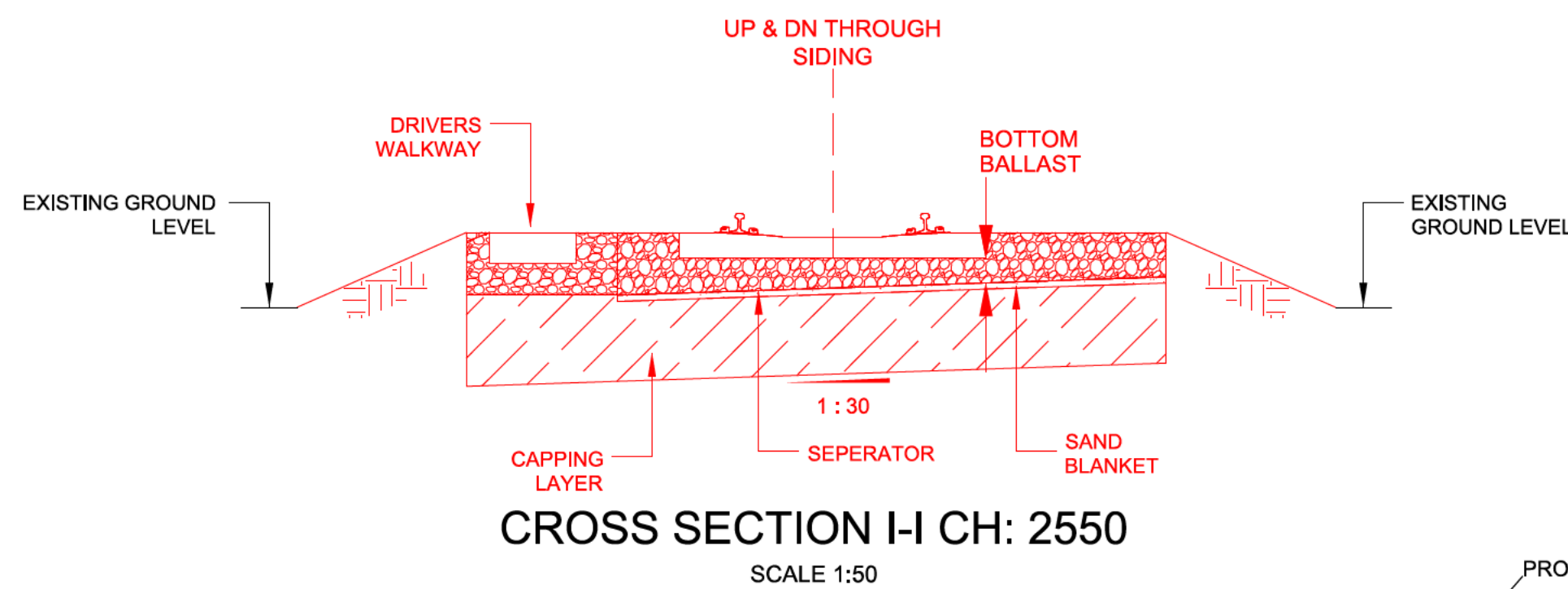
CLEARANCE POINT

PROPOSED TRACK

EMBANKMENT/EARTHWORKS



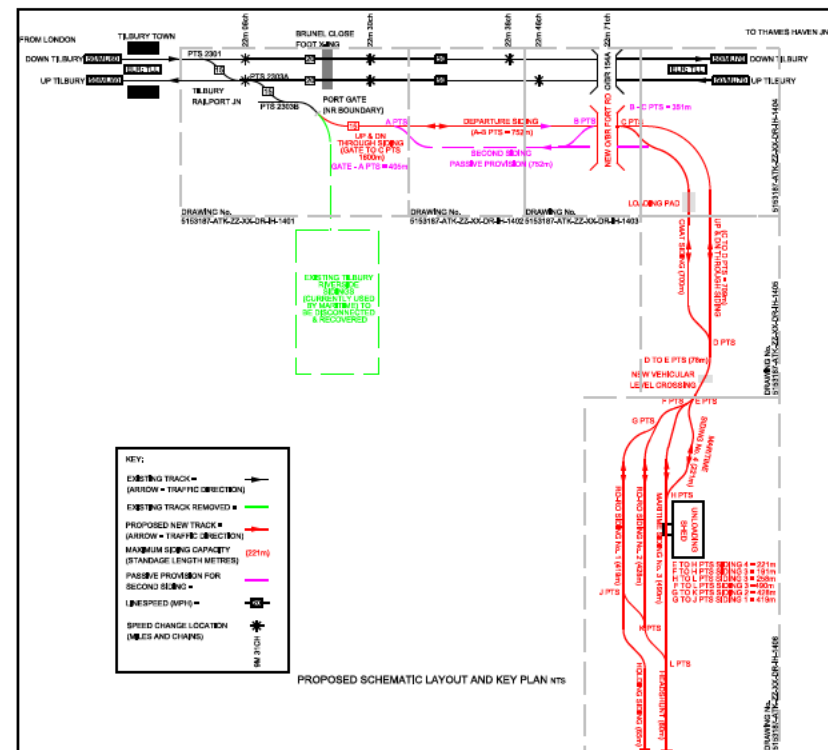
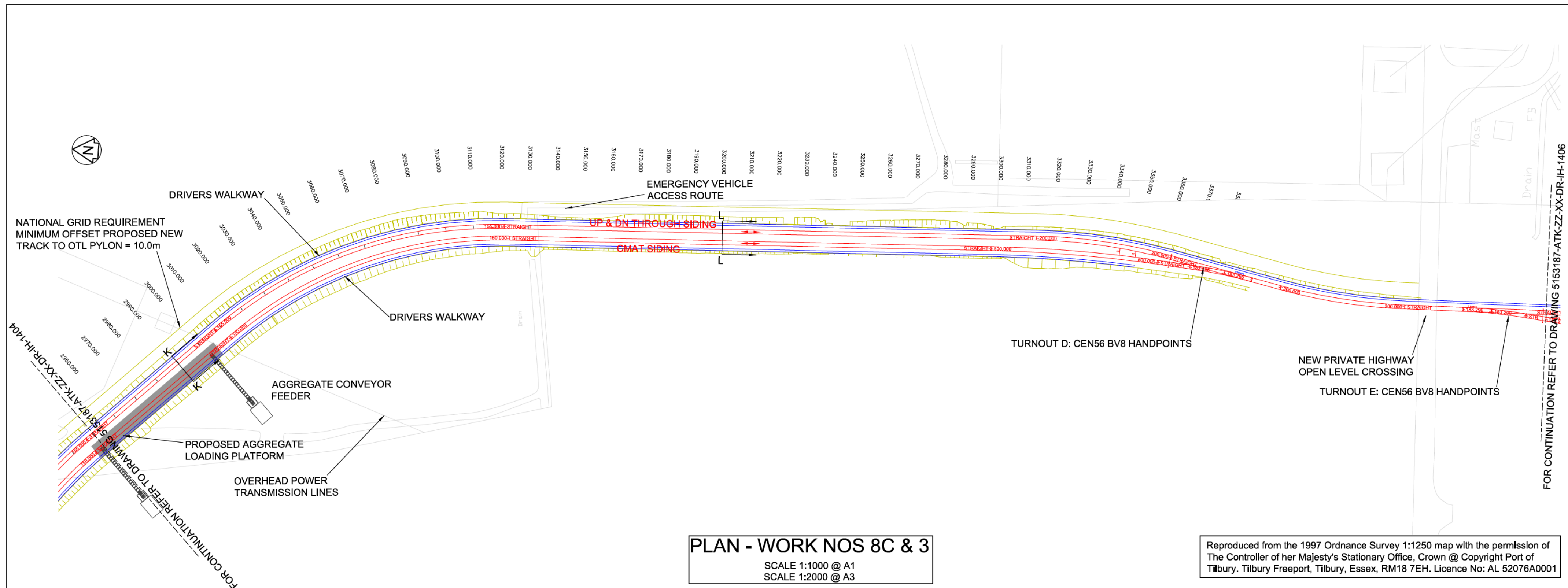
DESIGN SHOWN HERE IS FOR ILLUSTRATIVE PURPOSES ONLY



LONGSECTION-WORK NOS. 6 & 8C

Rev.	Date	Description	By	Chkd	App'd
Drawing Status			Suitability		
DCO SUBMISSION			SO		
ATKINS			Western House (Block C) Peterborough Business Park Lynch Wood Peterborough PE2 6FZ Tel: +44 (0)1733 366900 Fax: +44 (0)1733 366999 www.atkinsglobal.com		
Copyright © Atkins Limited (2017)			Client		
PORT OF TILBURY LONDON			Project Title		
TILBURY2			Drawing Title		
ENGINEERING SECTIONS & PLANS RAILWAY ALIGNMENT REGULATIONS 5 (2)(o) & 5(2)(p) & 6(2) Sheet 4 of 6			Scale		
1:1000	Designed	DG	Drawn	Checked	Authorised
Original Size	Date	DG	Date	Date	Date
A1	12/10/17	12/10/17	12/10/17	12/10/17	12/10/17
Drawing Number			Revision		
5153187-ATK-ZZ-XX-DR-IH-1404			P01		

100
0 10
Millimetres

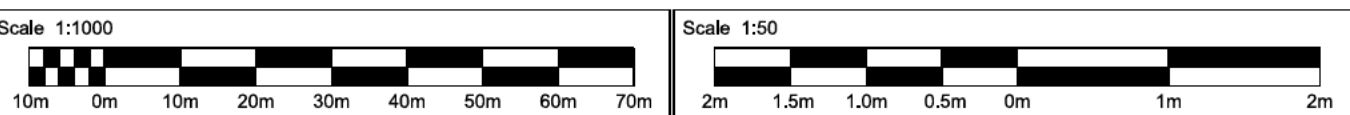
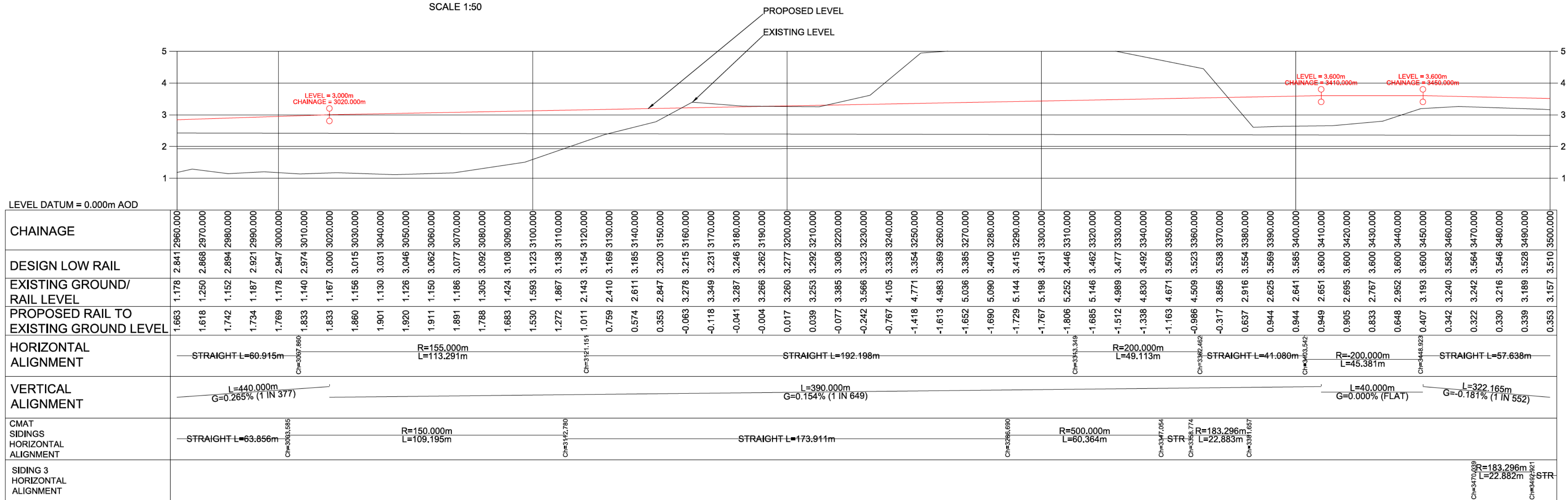
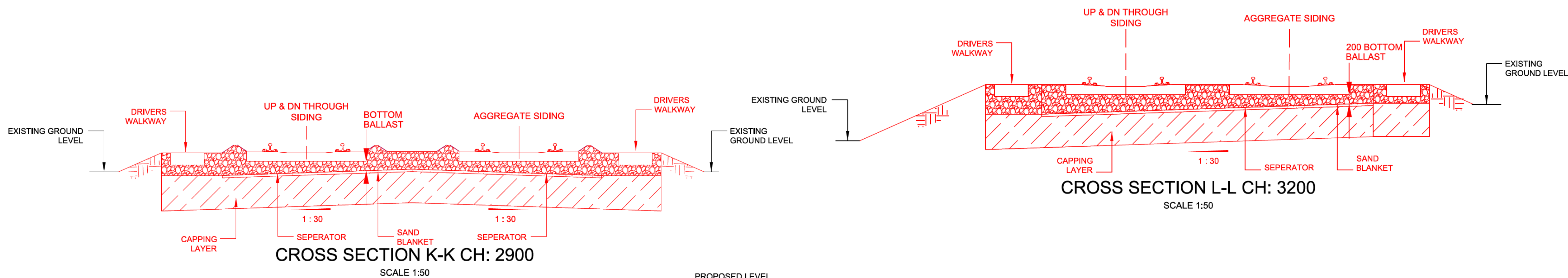


NOTES:

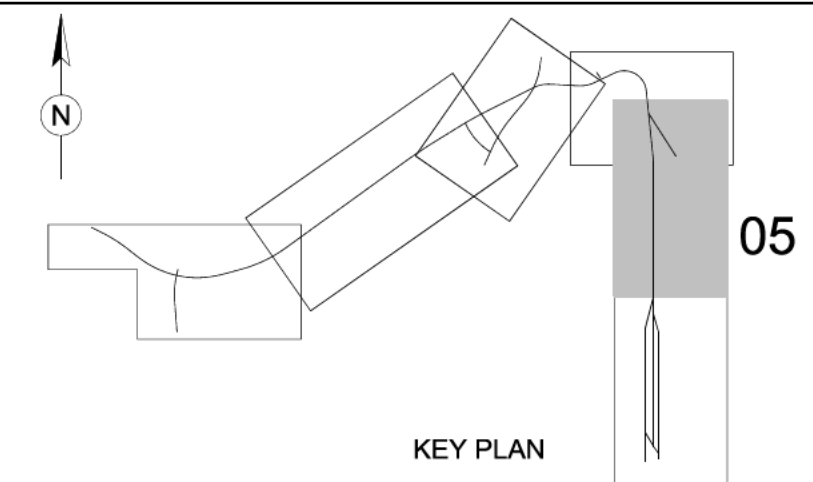
1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION. IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
3. WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
5. LEVELS SHOWN ARE INDICATIVE.
6. CHAINAGE DATUM 1000M LOCATED AT THE ACCESS GATE PORTAL ADJACENT TO THE NETWORK RAIL MAIN LINES.

KEY

HORIZONTAL TANGENT POINT (TP) AND DIRECTION OF CURVATURE
FOULING POINT
CLEARANCE POINT
PROPOSED TRACK
EMBANKMENT/EARTHWORKS

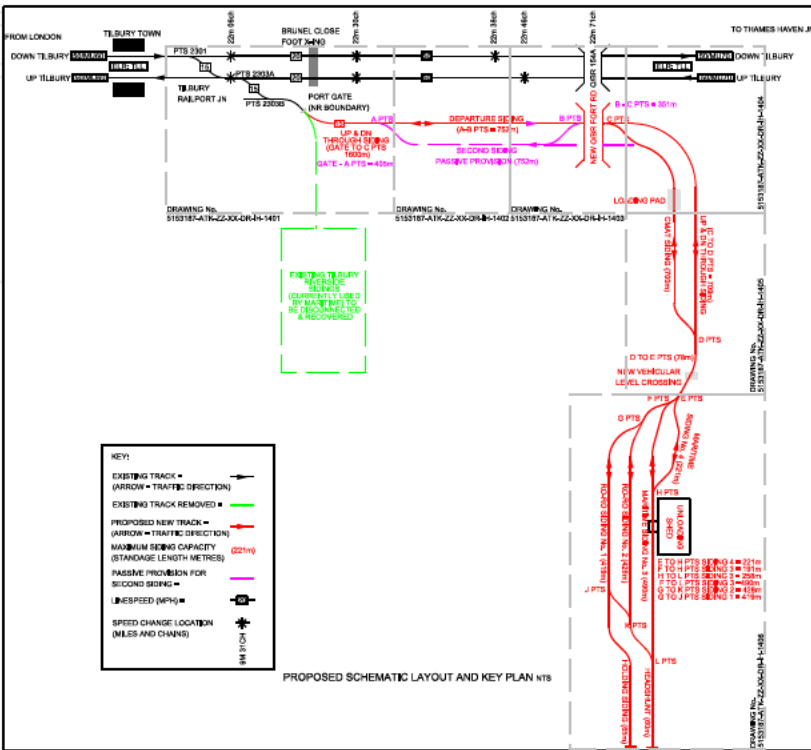
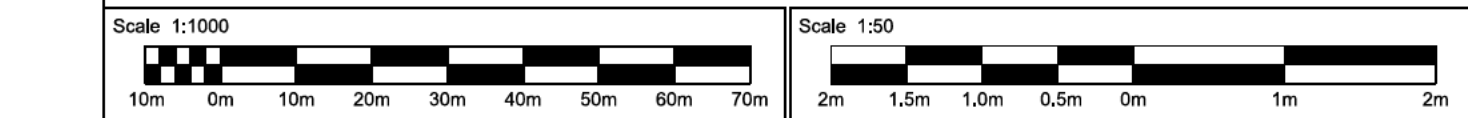


LONGSECTION-WORK NOS. 8C & 3



DESIGN SHOWN HERE
IS FOR ILLUSTRATIVE
PURPOSES ONLY

Rev.	Date	Description	By	Ck'd	App'd
Drawing Status					Suitability
DCO SUBMISSION					SO
ATKINS					
Western House (Block C) Peterborough Business Park Lynch Wood Peterborough PE2 6FZ					
Tel: +44 (0)1733 366900 Fax: +44 (0)1733 366999 www.atkinsglobal.com					
Copyright © Atkins Limited (2017)					
Client					
Project Title					
Drawing Title					
ENGINEERING SECTIONS & PLANS RAILWAY ALIGNMENT REGULATIONS 5 (2)(o) & 5(2)(p) & 6(2) Sheet 5 of 6					
Scale	Designed	Drawn	Checked	Authorised	
1:1000	DG	DG	SR	SR	
Original Size	Date	Date	Date	Date	
A1	12/10/17	12/10/17	12/10/17	12/10/17	
Drawing Number	Revision				
5153187-ATK-ZZ-XX-DR-IH-1405	P01				



- NOTES:**
1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION, IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
 3. WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
 4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
 5. LEVELS SHOWN ARE INDICATIVE.
 6. CHANGING ADJUTUM 1000M LOCATED AT THE ACCESS GATE PORTAL DATUM TO THE NETWORK RAIL MAIN LINES.

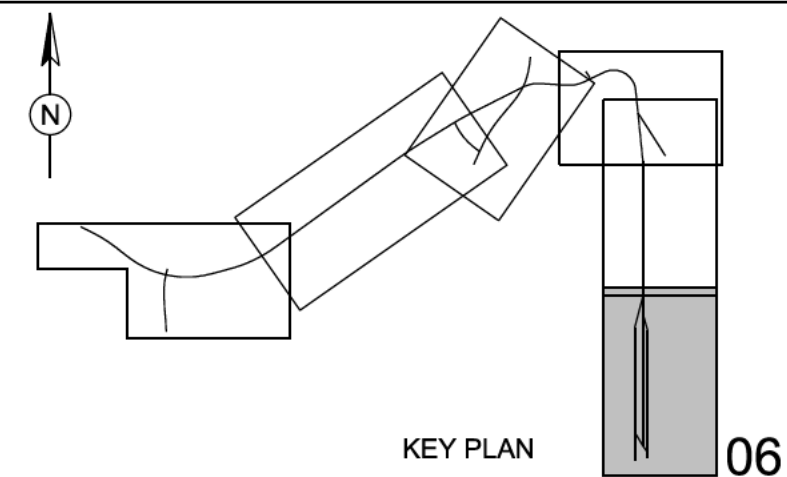
KEY

HORIZONTAL TANGENT POINT (TP) AND DIRECTION OF CURVATURE

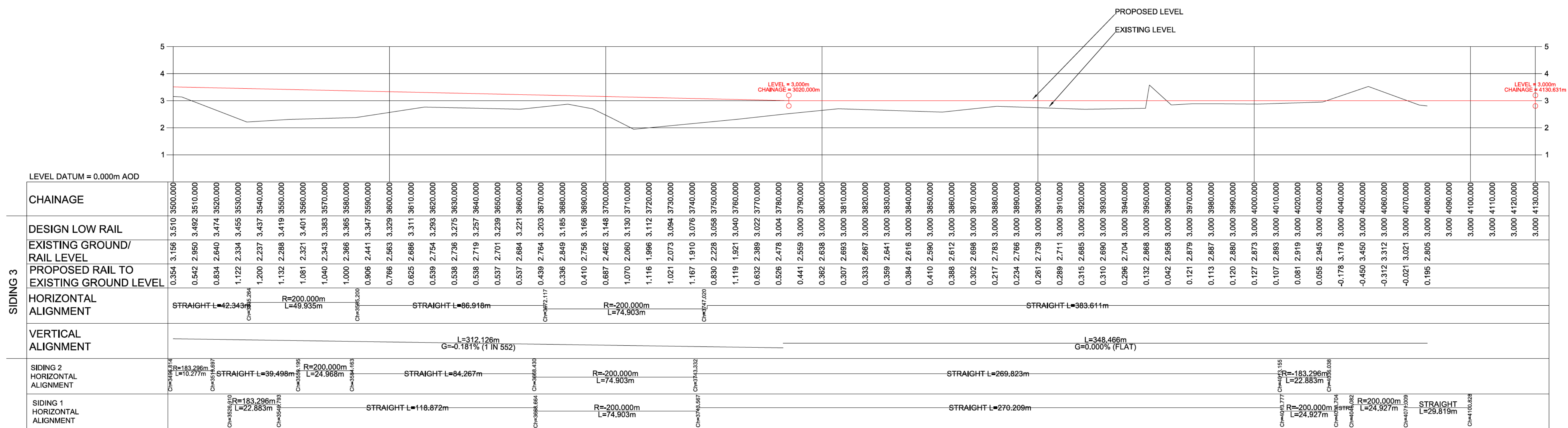
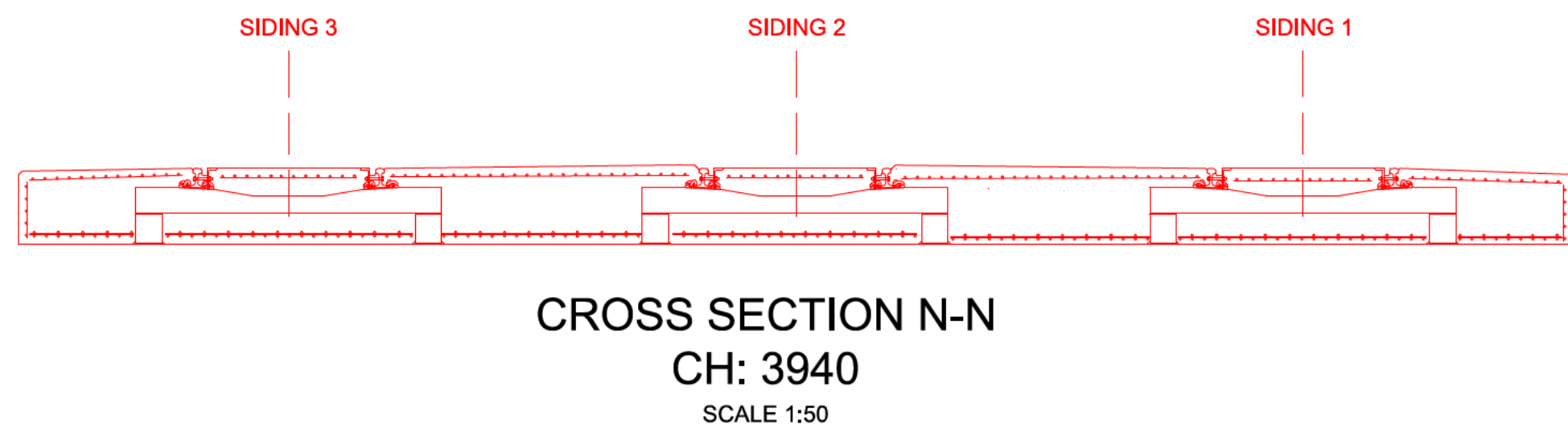
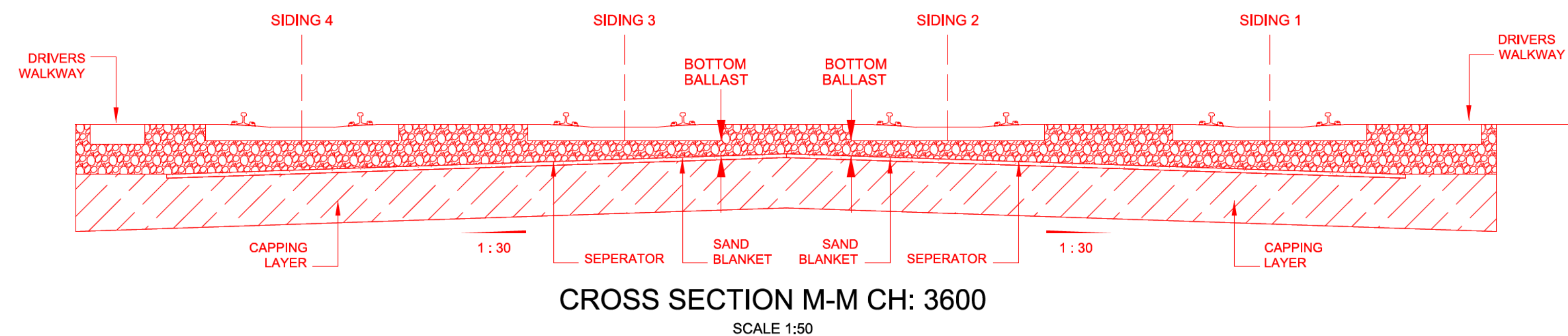
FOULING POINT

CLEARANCE POINT




PROPOSED TRACK



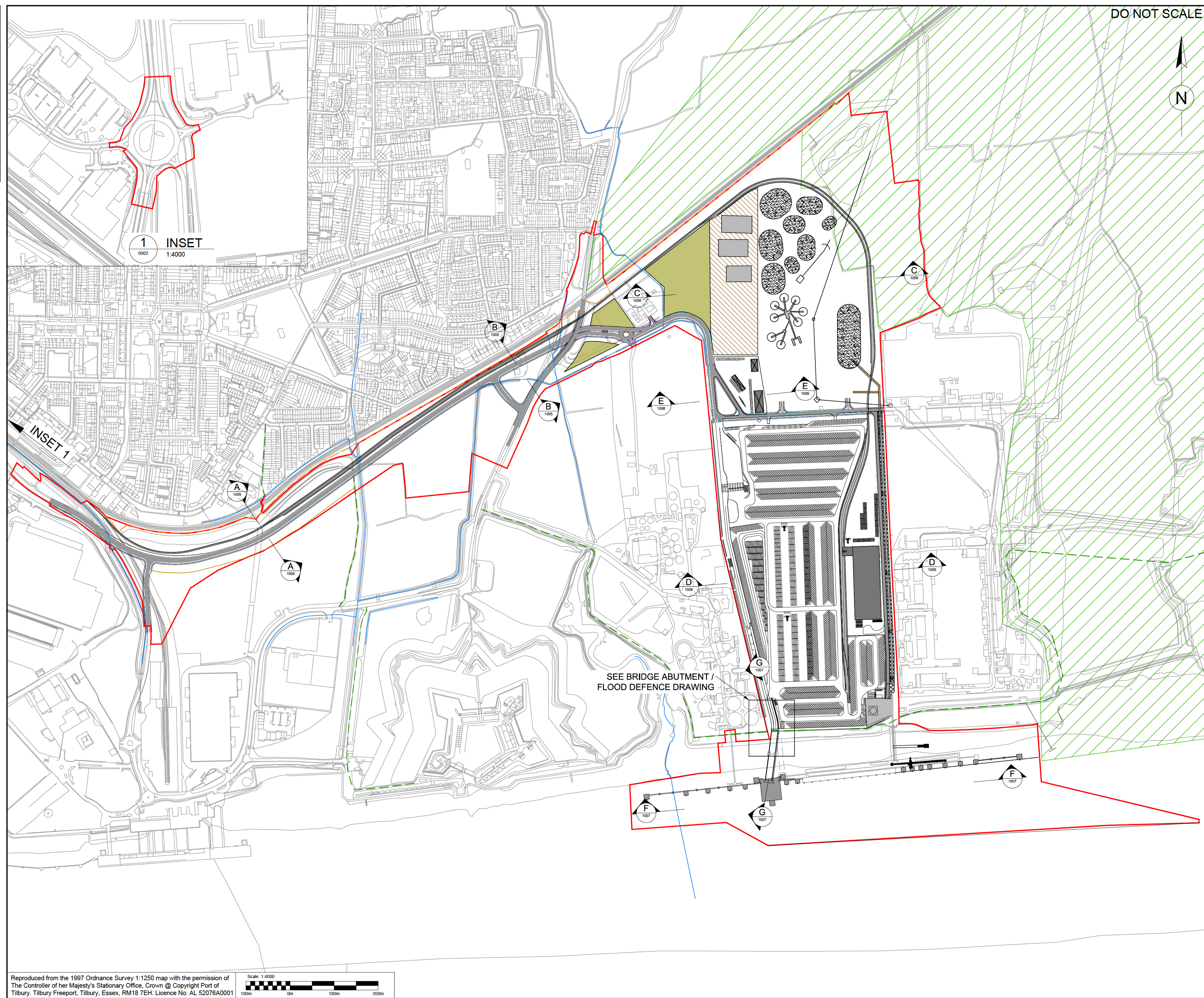
DESIGN SHOWN HERE
IS FOR ILLUSTRATIVE
PURPOSES ONLY



LONGSECTION-WORK NO. 3

Rev.	Date	Description	By	Chk'd	App'd
Drawing Status					Submittal
DCO SUBMISSION					SO
			Western House (Block C) Peterborough Business Park Lynch Wood Peterborough PE2 8FZ Tel: +44 (0)1733 366900 Fax: +44 (0)1733 366999 www.atkinsglobal.com		
Copyright © Atkins Limited (2017)					
Client					
 PORT OF TILBURY LONDON					
Project Title					
					
Drawing Title					
ENGINEERING SECTIONS & PLANS RAILWAY ALIGNMENT REGULATIONS 5 (2)(o) & 5(2)(p) & 6(2) SHEET 6 of 6					
Scale	Designed	Drawn	Checked	Authorized	
1:1000	DG	DG	SR	SR	
Original Size A1+1	Date	Date	Date	Date	
	12/10/17	12/10/17	12/10/17	12/10/17	
Drawing Number				Revision	
5153187-ATK-ZX-XX-DR-IH-1406				P01	

100
0 10
Millimetres



DO NOT SCALE

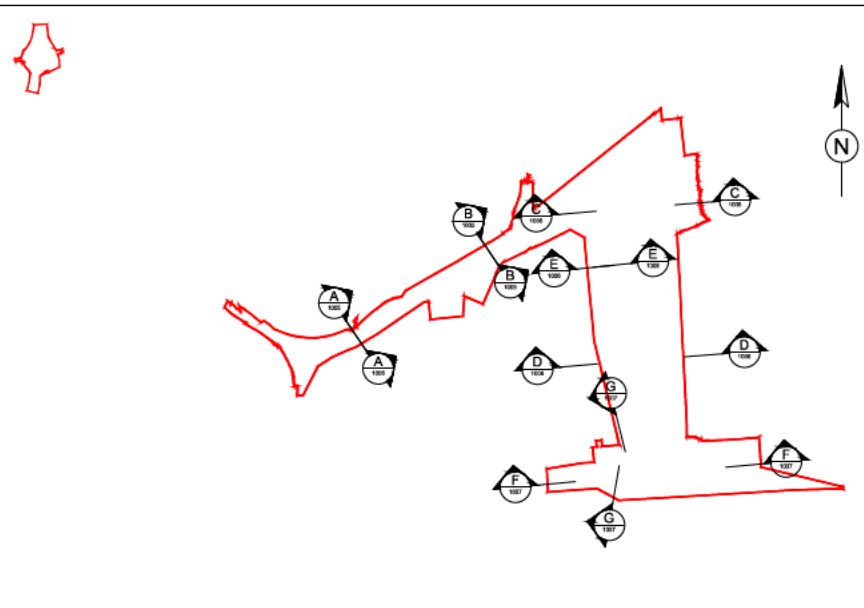


NOTES:

1. THIS PLAN SHOULD BE READ ALONGSIDE OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER APPLICATION.
2. DESIGN AND LOCATION OF THE SCHEME SHOWN HERE FOR ILLUSTRATIVE PURPOSES ONLY.

KEY:

- KEY EXISTING WATERCOURSES (SUBJECT TO DIVERSION AND/OR CROSSING)
- ORDER LIMITS
- - - EXISTING PUBLIC RIGHTS OF WAY
- /// GREEN BELT



KEY PLAN

DESIGN SHOWN HERE
FOR ILLUSTRATIVE
PURPOSES ONLY

P3	23/11/17	FORT ROAD BRIDGE REMOVED FROM DRAWING SET AND FLOOD DEFENCE ADDED	JS	SR	SR
P2	16/10/17	KEY PLAN ADDED	BJH	SR	SR
P1	13/09/17	PINS REVIEW	JS	SR	SR
Rev.	Date	Description	By	Chkd	App'd

Drawing Status	ERRATA SUBMISSION	Suitability	SO
----------------	-------------------	-------------	----

ATKINS

Western House (Block C)
Peterborough Business Park
Lynch Wood
Peterborough
PE2 6FZ
Tel: +44 (0)1733 366900
Fax: +44 (0)1733 366999
www.atkinsglobal.com

Copyright © Atkins Limited (2017)

Client


PORT OF
TILBURY
LONDON

Project Title

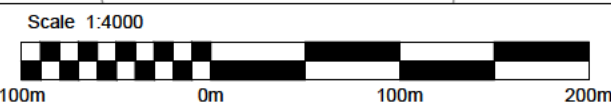

TILBURY2

Drawing Title
**ENGINEERING SECTIONS & PLANS
ILLUSTRATIVE CROSS SECTIONS
KEY PLAN
REGULATIONS 5(2)(o) & 6(2)**

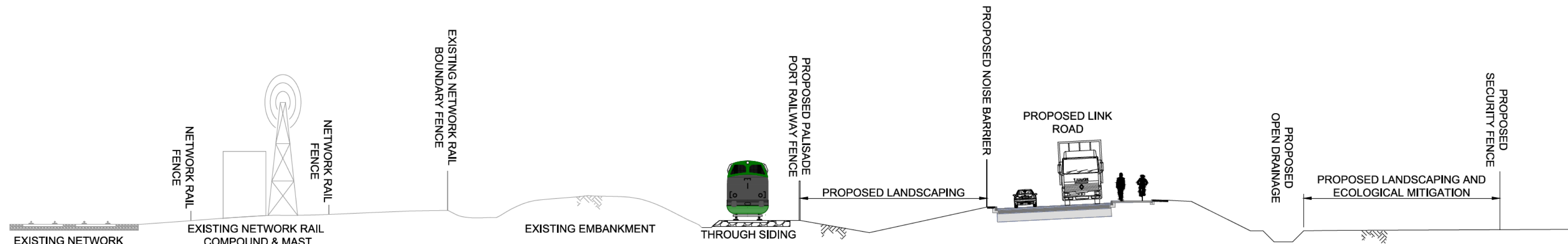
Scale	Designed	Drawn	Checked	Authorised
1:4,000	SR	JS	SR	SR
Original Size	Date	Date	Date	Date
A1	16/08/17	16/08/17	13/09/17	13/09/17

Drawing Number	Revision
5153187-ATK-ZZ-XX-DR-ZZ-0002	P03

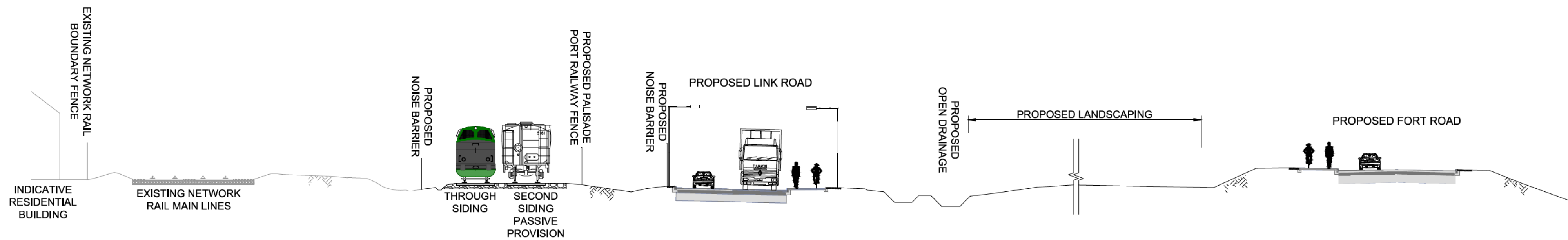
Reproduced from the 1997 Ordnance Survey 1:250 map with the permission of The Controller of Her Majesty's Stationary Office, Crown © Copyright Port of Tilbury. Tilbury Freepoint, Tilbury, Essex, RM18 7EH. Licence No: AL 52076A0001



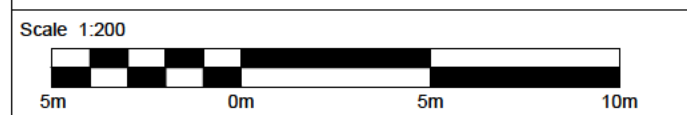
100
Millimetres
0 10



A WORK NOS. 9A & 12 - SECTION
0002 1:200

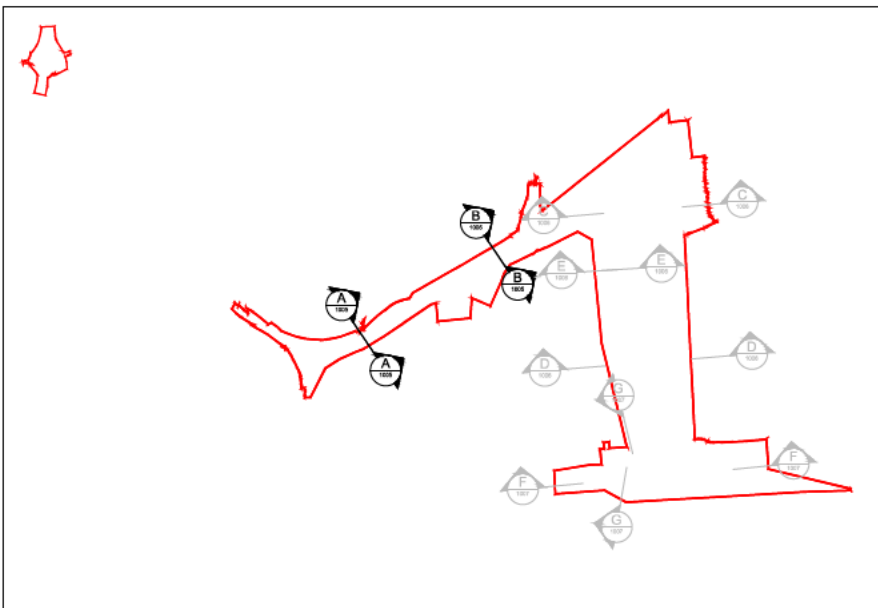


B WORK NOS. 9A, 10 & 12 - SECTION
0002 1:200



DO NOT SCALE

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
 2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS IN THE DEVELOPMENT CONSENT ORDER APPLICATION, IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
 3. WORK No. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
 4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; AND CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
 5. LOCATION OF PROPOSED INFRASTRUCTURE SHOWN INDICATIVELY.



KEY PLAN

DESIGN SHOWN HERE
FOR ILLUSTRATIVE
PURPOSES ONLY

P02	16/10/17	KEY PLAN ADDED	BJH	SR	SR
P01	13/09/17	PINS REVIEW	JS	TWR	SR
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status	Suitability
DCO SUBMISSION	SO

ATKINS

Western House (Block C)
Peterborough Business Park
Lynch Wood
Peterborough
PE2 6FZ

Tel: +44 (0)1733 366900
Fax: +44 (0)1733 366999
www.atkinsglobal.com

Copyright © Atkins Limited (2017)

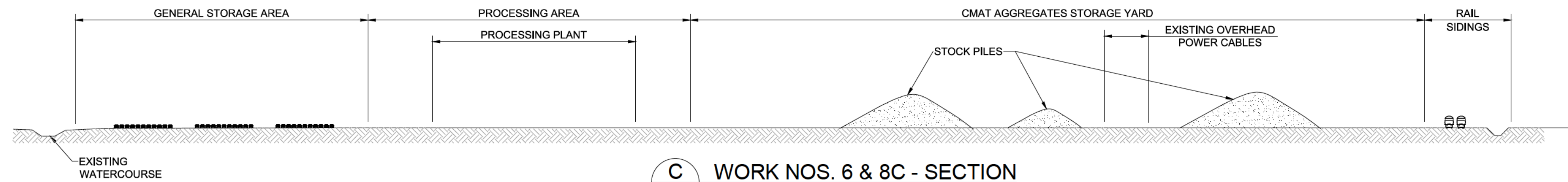


Drawing Title
**ENGINEERING SECTIONS & PLANS
ILLUSTRATIVE CROSS SECTIONS
INFRASTRUCTURE CORRIDOR
REGULATIONS 5(2)(o) & 6(2)**

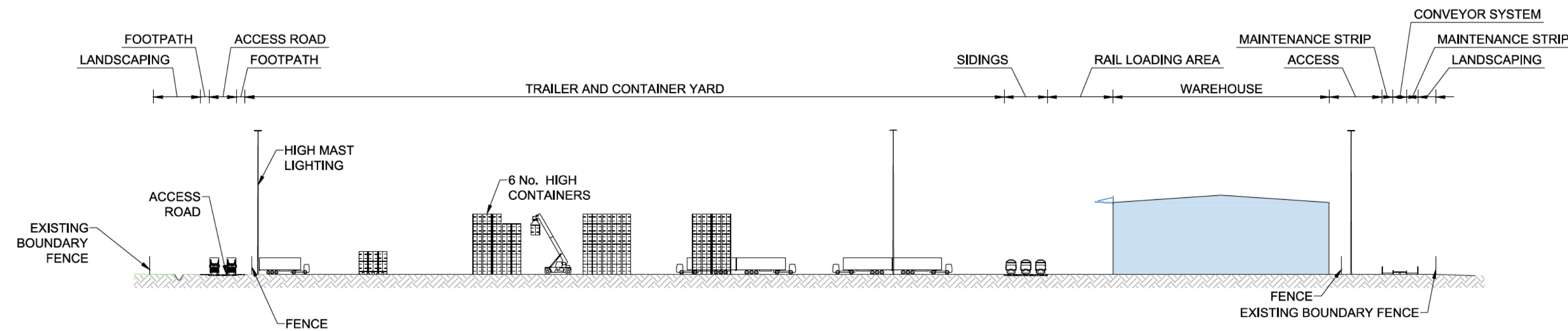
Scale	Designed	Drawn	Checked	Authorised
1:200	SM	JS	TWR	SR
Original Size	Date	Date	Date	Date
A1	21/08/17	21/08/17	23/08/17	23/08/17

Drawing Number	Revision
5153187-ATK-ZZ-XX-DR-ZZ-1005	P02

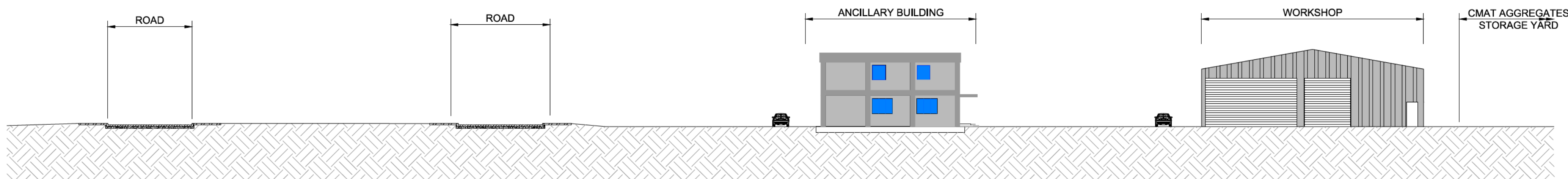
100
0 10
Millimetres



C WORK NOS. 6 & 8C - SECTION
0002 1:1000



D WORK NOS. 3, 7 & 8B - SECTION
0002 1:1000

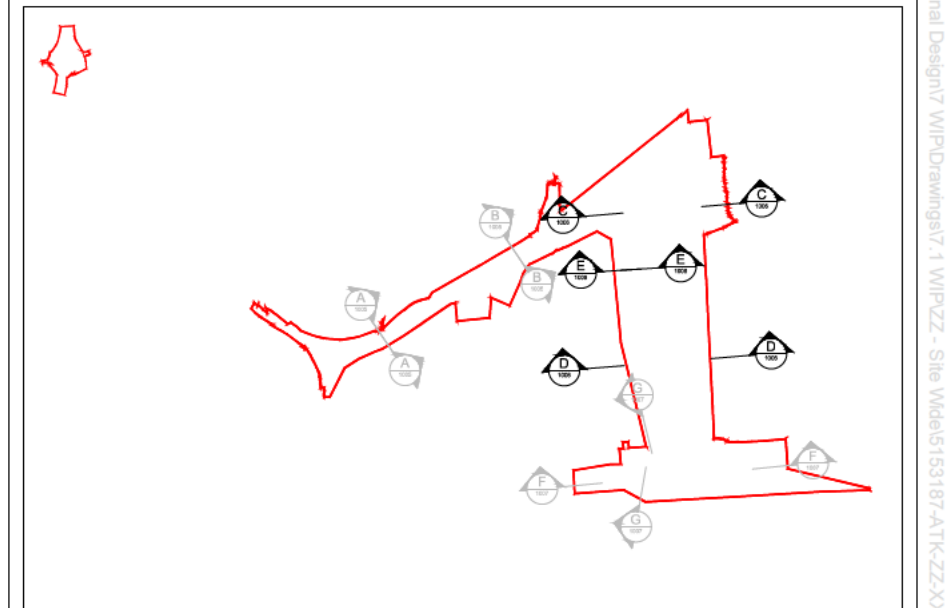


E WORK NOS. 4 & 5 - SECTION
0002 1:250

DO NOT SCALE

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS IN THE DEVELOPMENT CONSENT ORDER APPLICATION, IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
3. WORK No. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT; AND CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
5. LOCATION OF PROPOSED INFRASTRUCTURE SHOWN INDICATIVELY.



KEY PLAN

DESIGN SHOWN HERE
FOR ILLUSTRATIVE
PURPOSES ONLY

P02	16/10/17	KEY PLAN ADDED	BJH	SR	SR
P01	13/09/17	PINS REVIEW	JS	TWR	SR
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status	Suitability
DCO SUBMISSION	SO

ATKINS

Western House (Block C)
Peterborough Business Park
Lynch Wood
Peterborough
PE2 6FZ
Tel: +44 (0)1733 366900
Fax: +44 (0)1733 366999
www.atkinsglobal.com

Copyright © Atkins Limited (2017)

Client


PORT OF
TILBURY
LONDON

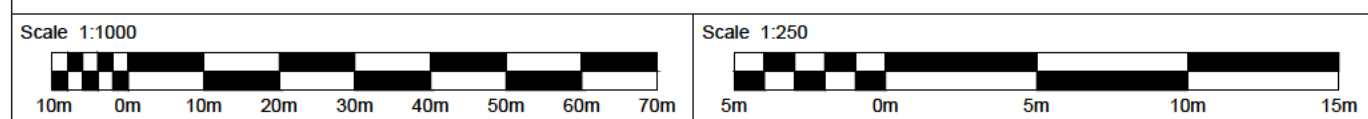
Project Title



Drawing Title

ENGINEERING SECTIONS & PLANS
ILLUSTRATIVE CROSS SECTIONS
CMAT & RoRo TERMINALS
REGULATION 5(2)(o)

Scale	Designed	Drawn	Checked	Authorised
AS SHOWN	SM	JS	TWR	SR
Original Size	Date	Date	Date	Date
A1	21/08/17	21/08/17	23/08/17	23/08/17
Drawing Number	5153187-ATK-ZZ-XX-DR-ZZ-1006			Revision P02

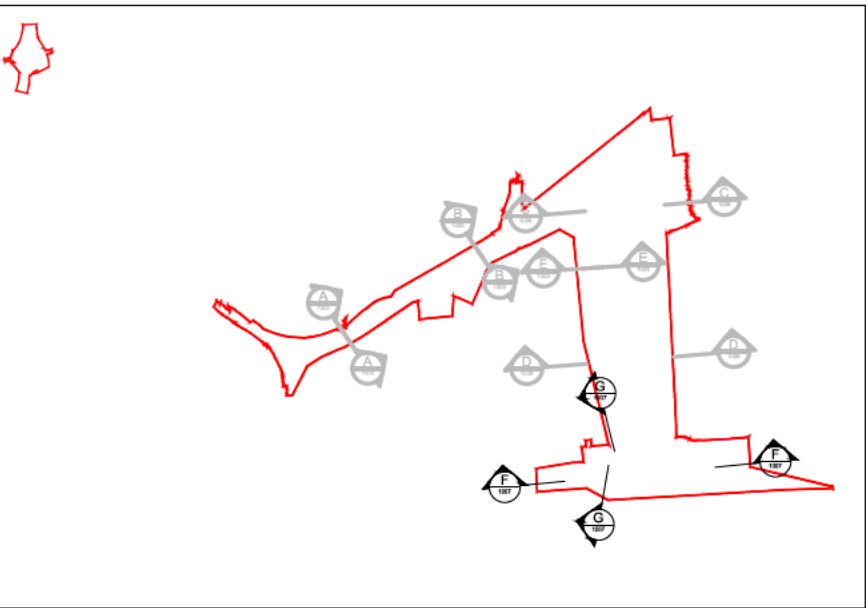


100
0
10
Millimetres

DO NOT SCALE

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS IN THE DEVELOPMENT CONSENT ORDER APPLICATION, IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
3. WORK No. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT, AND CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
5. LOCATION OF PROPOSED INFRASTRUCTURE SHOWN INDICATIVELY.



KEY PLAN

DESIGN SHOWN HERE
FOR ILLUSTRATIVE
PURPOSES ONLY

G WORK NOS. 1 & 3 - SECTION
0002 1:500

F WORK NOS. 1 & 2 - ELEVATION
0002 1:1000

F WORK NOS. 1 & 2 - ELEVATION
0002 1:1000

P3	23/11/17	DIMENSIONS ADDED	JS	AH	SR
P2	16/10/17	KEY PLAN ADDED	BUH	SR	SR
P1	13/09/17	PINS REVIEW	JS	SR	SR
Rev.	Date	Description	By	Chkd	App'd

Drawing Status	Suitability
ERRATA SUBMISSION	SO

ATKINS

Western House (Block C)
Peterborough Business Park
Lynch Wood
Peterborough
PE2 6FZ
Tel: +44 (0)1733 366900
Fax: +44 (0)1733 366999
www.atkinsglobal.com

Copyright © Atkins Limited (2017)

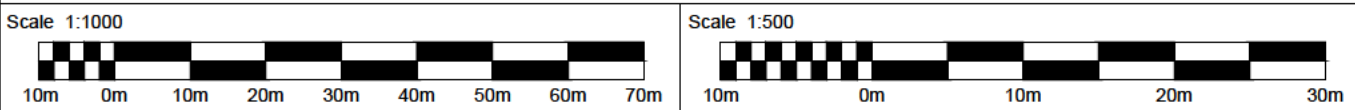
Client

Project Title

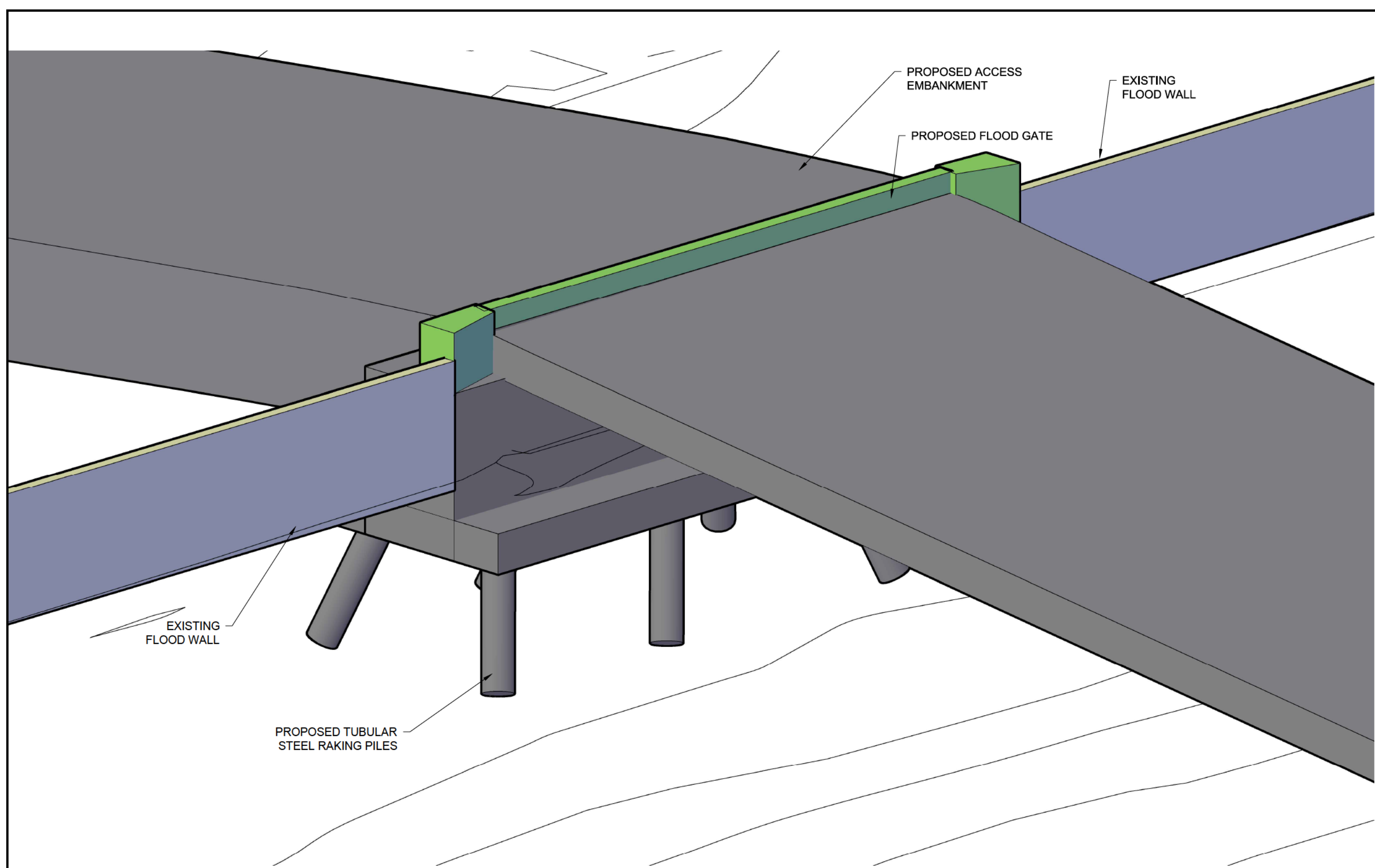
Drawing Title

ENGINEERING SECTIONS & PLANS
ILLUSTRATIVE CROSS SECTIONS
CMAT & RoRo BERTHS
REGULATION 5(2)(o)

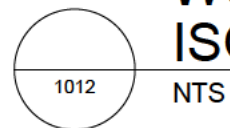
Scale	Designed	Drawn	Checked	Authorised
AS SHOWN	AH	JS	SR	SR
Original Size	Date	Date	Date	Date
A1	18/06/17	19/06/17	13/09/17	13/09/17
Drawing Number	Revision			
5153187-ATK-ZZ-XX-DR-ZZ-1007	P03			



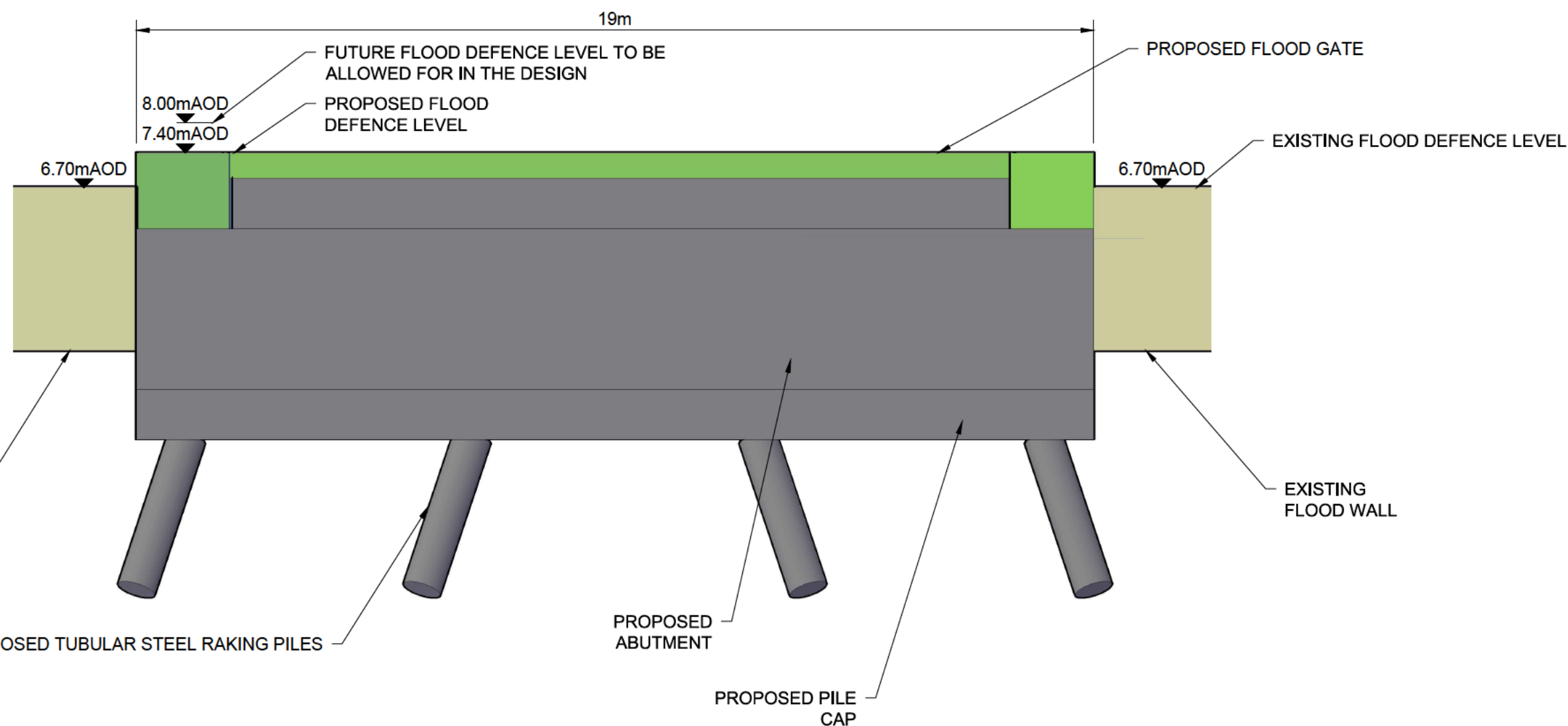
100
0 10
Millimetres



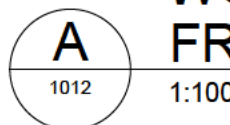
WORK NOS. 1 & 3
ISOMETRIC VIEW



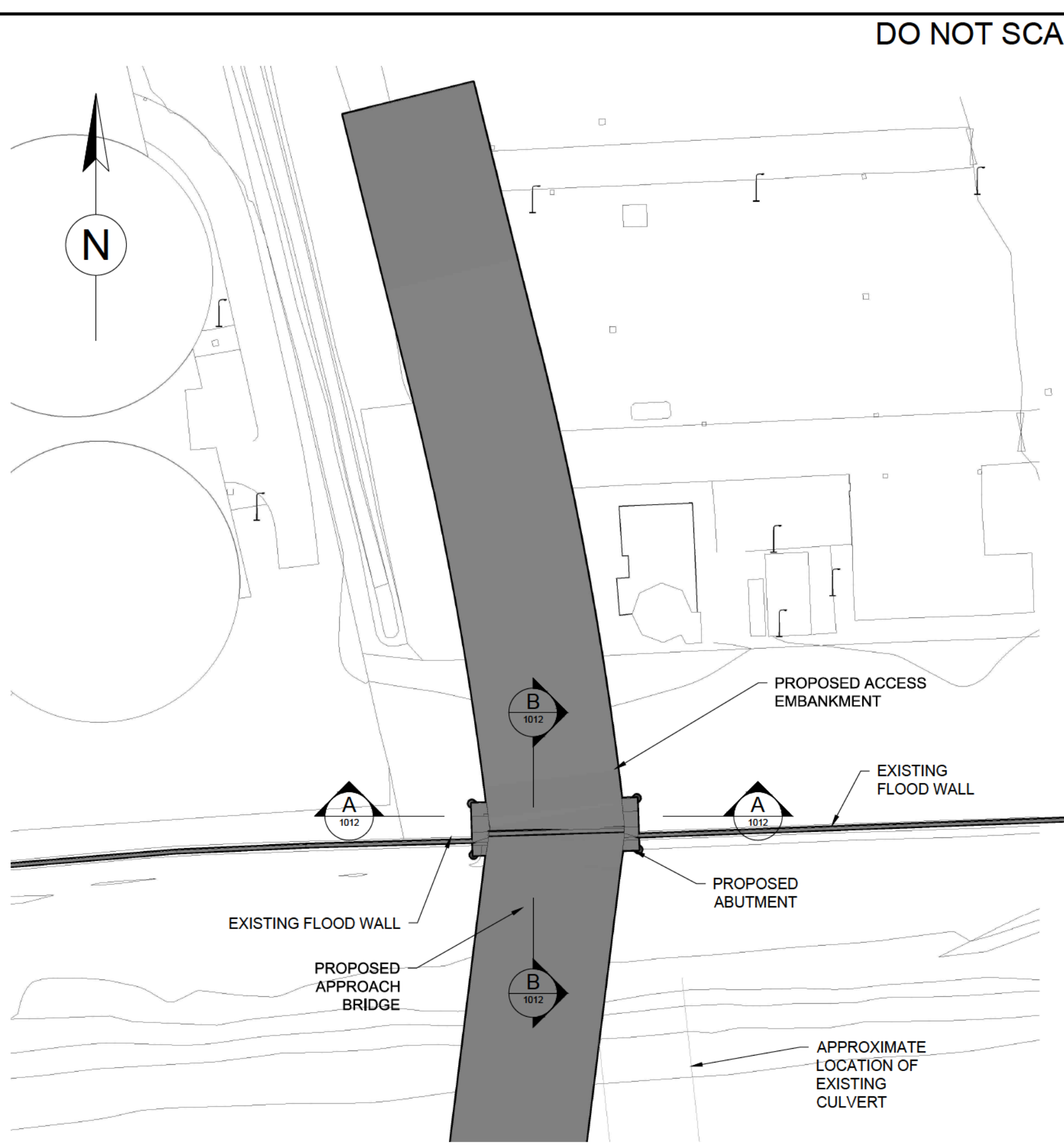
1012
NTS



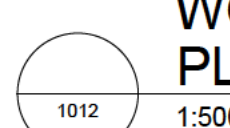
WORK NOS. 1 & 3
FRONT ELEVATION



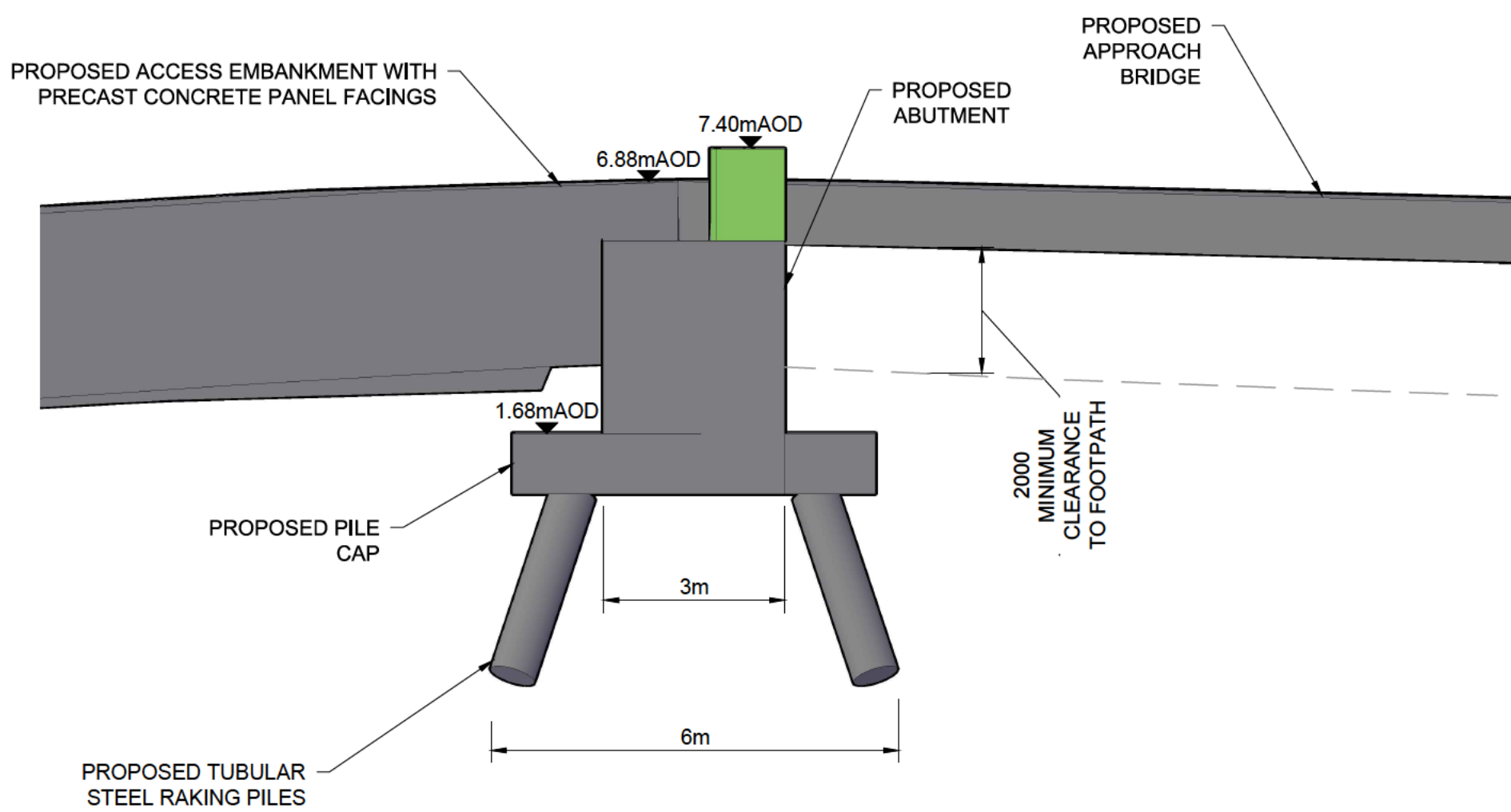
1012
1:100



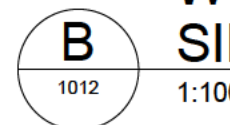
WORK NOS. 1 & 3
PLAN



1012
1:500



WORK NOS. 1 & 3
SIDE ELEVATION

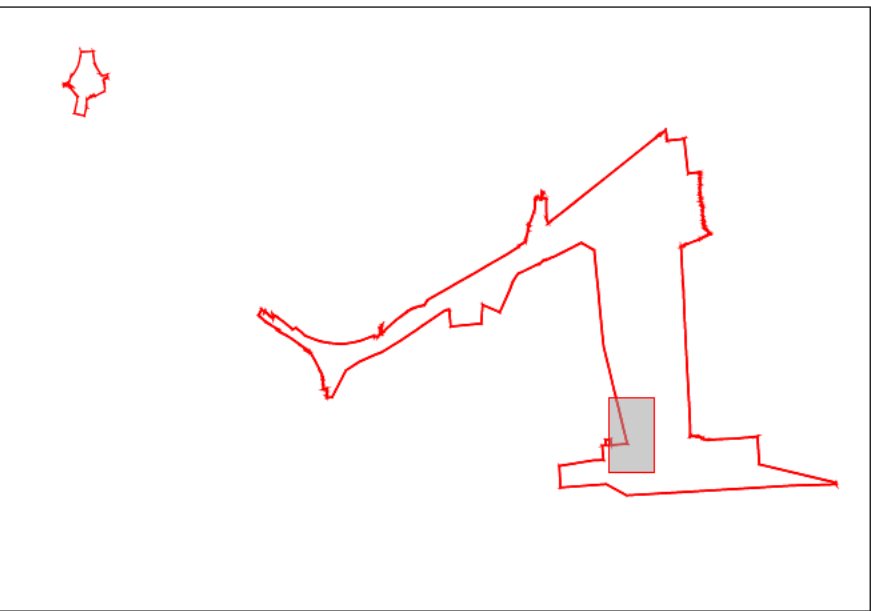


1012
1:100

DO NOT SCALE

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
2. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS IN THE DEVELOPMENT CONSENT ORDER APPLICATION, IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
3. WORK No. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
4. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT, AND CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
5. LOCATION OF PROPOSED INFRASTRUCTURE SHOWN INDICATIVELY.



KEY PLAN

DESIGN SHOWN HERE
FOR ILLUSTRATIVE
PURPOSES ONLY

P2	23/11/17	SCALE BAR AND NOTES ADDED	JS	SR	SR
P1	31/07/17	FOR CONSULTATION	BJH	DS	
Rev.	Date	Description	By	Chkd	App'd

Drawing Status	Suitability
ERRATA SUBMISSION	SO

ATKINS

Western House (Block C)
Peterborough Business Park
Lynch Wood
Peterborough
PE2 6FZ
Tel: +44 (0)1733 366900
Fax: +44 (0)1733 366999
www.atkinsglobal.com

Copyright © Atkins Limited (2017)

Client

**PORT OF
TILBURY
LONDON**

Project Title

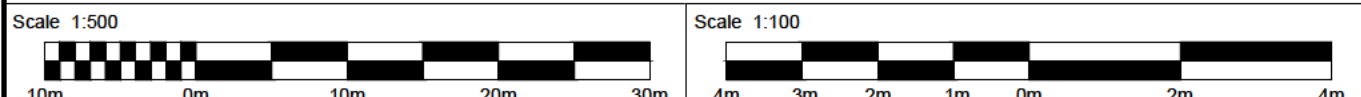
**TILBURY2**

Drawing Title

ENGINEERING SECTIONS & PLANS
ILLUSTRATIVE CROSS SECTIONS
BRIDGE ABUTMENT / FLOOD DEFENCE
REGULATION 5(2)(o)

Scale	Designed	Drawn	Checked	Authorised
AS SHOWN	DS	BJH	DS	SR
Original Size	Date	Date	Date	Date
A1	31/07/17	31/07/17	31/07/17	23/11/17

Drawing Number	Revision
5153187-ATK-ZZ-XX-SK-ZZ-1012	P02



100
10
0
Millimetres

DO NOT SCALE

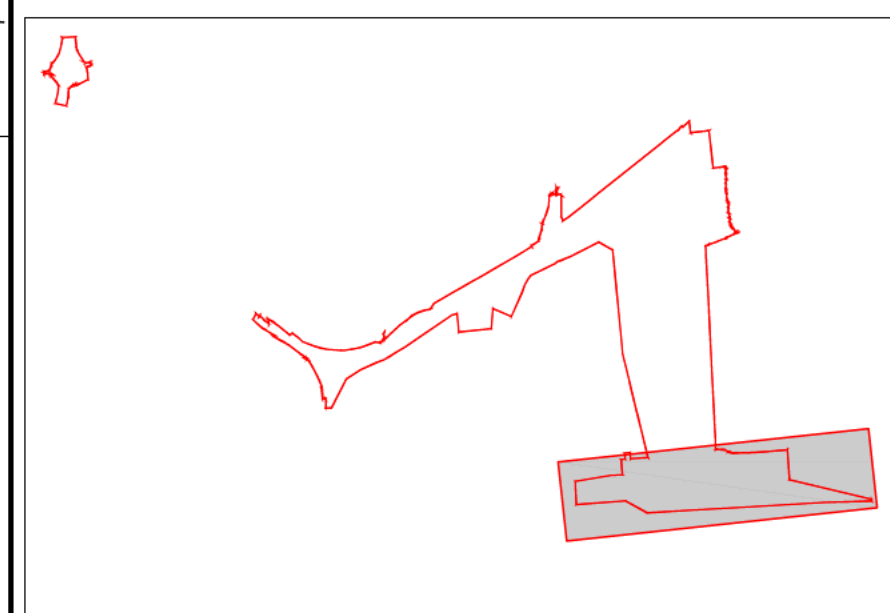


NOTES:

1. THESE ENGINEERING SECTIONS AND PLANS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE OTHER PLANS IN THE DEVELOPMENT CONSENT ORDER APPLICATION. IN PARTICULAR THE WORKS PLANS AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
2. WORK NO. REFERENCES ARE DETAILED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER.
3. THESE ENGINEERING SECTIONS AND PLANS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT, AND CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
4. LOCATION OF PROPOSED INFRASTRUCTURE SHOWN INDICATIVELY.
5. CONVERSION FROM ORDNANCE DATUM (OD) TO CHART DATUM (CD) IS AS FOLLOWS. 0 mOD = 3.12 mCD

KEY:

- APPROXIMATE EXTENT OF BERTH DREDGING
- APPROXIMATE EXTENT OF APPROACH DREDGING
- ORDER LIMITS



KEY PLAN

DESIGN SHOWN HERE
FOR ILLUSTRATIVE
PURPOSES ONLY

APPROXIMATE DREDGING COORDINATES		
ID	EASTING	NORTHING
P01	565522	175161
P02	565627	175173
P03	565682	175217
P04	565494	175227
P05	566017	175189
P06	566195	175203
P07	566268	175209
P08	566344	175228
P09	566360	175288
P10	566012	175250
P11	566296	175183
P12	566035	175105
P13	566708	175139

WORK NOS. 1 & 2 - PLAN
1:2,000

WORK NOS. 1 & 2 - LONG SECTION
1:2,000

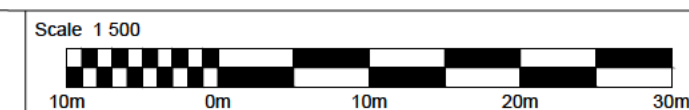
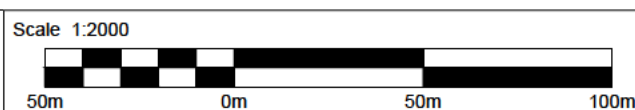
WORK NO. 1 - SECTION
1:500

WORK NO. 2 - SECTION
1:500

WORK NO. 2 - SECTION
1:500

WORK NO. 2 - SECTION
1:500

Reproduced from the 1997 Ordnance Survey 1:2500 map with the permission of The Controller of Her Majesty's Stationary Office, Crown Copyright Port of Tilbury, Tilbury Freeport, Tilbury, Essex, RM18 7EH. Licence No: AL 52076A0001



P5	19/10/17	DREDGING COORDINATES ADDED	JS	SR	SR
P4	02/10/17	TEXT EDITS	JS	AH	SR
P3	02/10/17	BOUNDARY EDITED AND TEXT ADDED	JS	AH	SR
P2	29/09/17	DIMENSIONS AND LEVELS ADDED	JS	AH	SR
P1	25/09/17	FOR COMMENT	JS	SR	SR
Rev.	Date	Description	By	Chkd	App'd

Drawing Status: **DCO SUBMISSION** Suitability: **SO**

ATKINS
Western House (Block C)
Peterborough Business Park
Lynch Wood
Peterborough
PE2 6FZ
Tel: +44 (0)1733 366900
Fax: +44 (0)1733 366999
www.atkinsglobal.com

Client:

Project Title: **TILBURY2**

Drawing Title: **ENGINEERING SECTIONS & PLANS
EXTENT AND DEPTH OF DREDGING
REGULATION 5(2)(o)**

Scale	Designed	Drawn	Checked	Authorised
AS SHOWN	AH	JS	AH	SR
Original Size	Date	Date	Date	Date
A1	20/09/17	20/09/17	21/09/17	21/09/17
Drawing Number	5153187-ATK-ZZ-XX-DR-ZZ-1009			Revision P05