






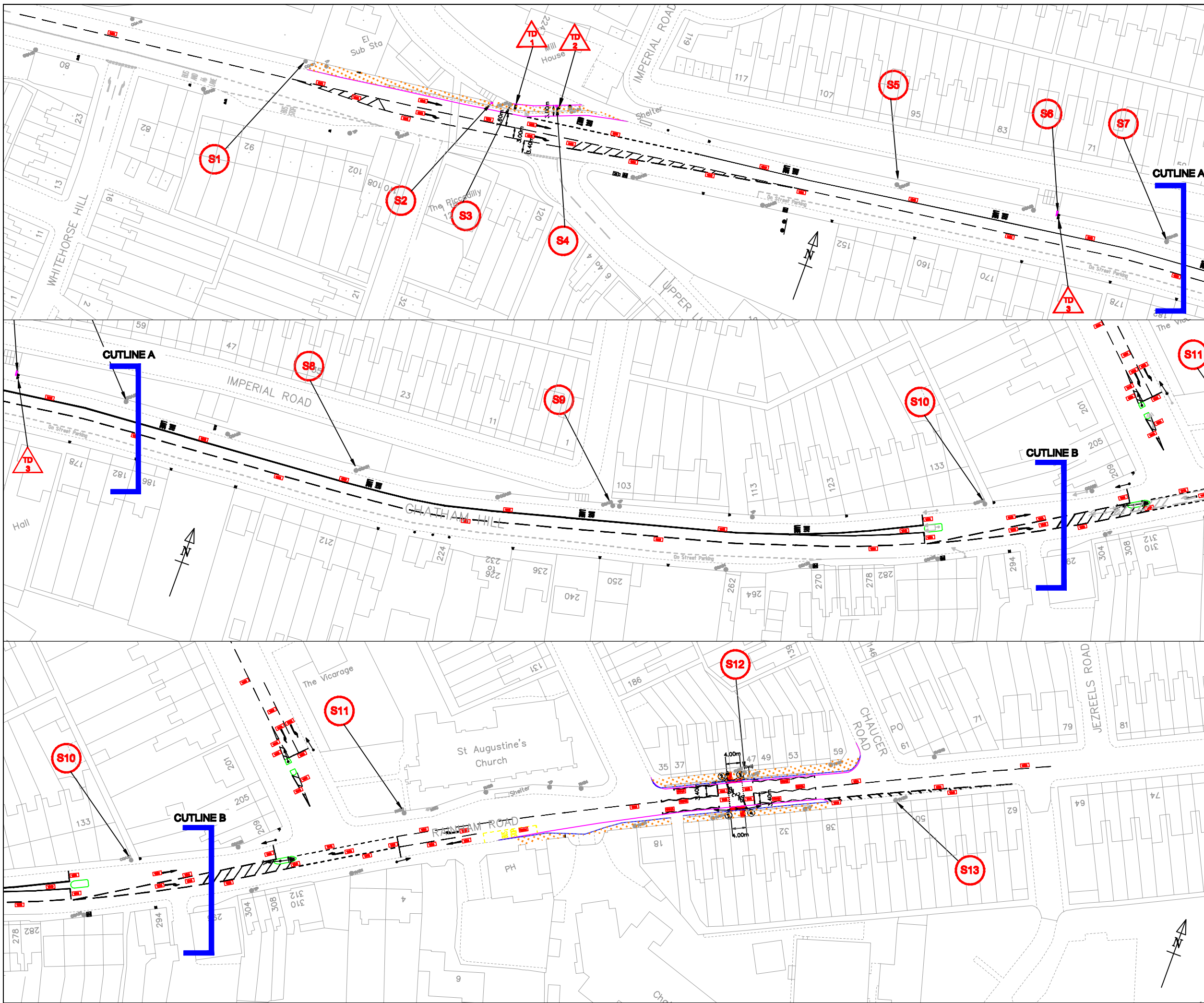
# CHATHAM HILL SCHEME

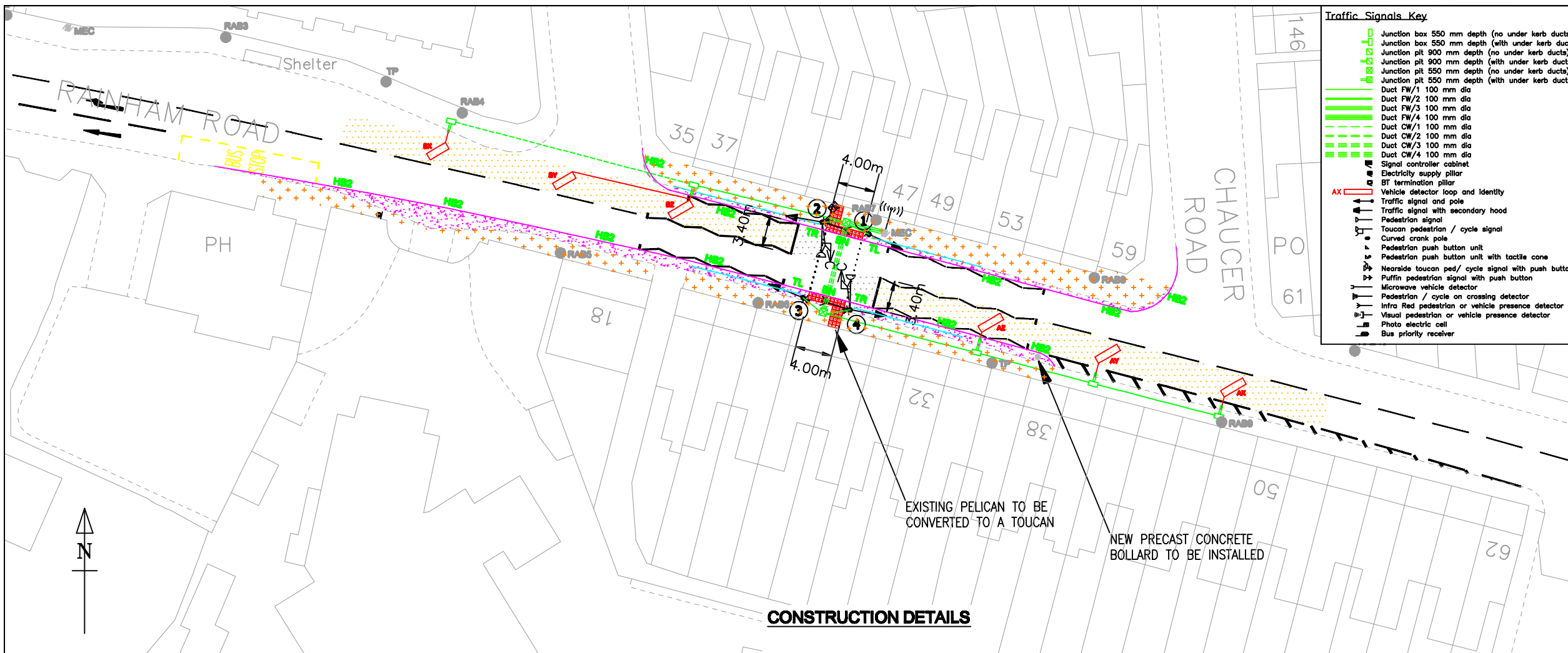


1. All diagram No's refer to the Traffic Signs & General Directions 2002. All carriageway markings are to be fully reflectorised.
2. Existing road markings not shown for clarity. Where not resurfacing the contractor shall remove any surplus or conflicting road markings
- 1001 White continuous line 200mm wide
  - 1001.3 White Zig Zag markings 100mm wide 2m long, and marks 200mm wide 600mm long.
  - 1002.1 White continuous line 400mm wide
  - 1003 White intermittent line 200mm wide 600mm line 300 gap in two parallel rows 300mm apart
  - 1003.3 White intermittent line 800mm wide 700mm line 300mm gap
  - 1004 White intermittent line 100mm wide 4m line 2m gap
  - 1009 White intermittent line 100mm wide 600mm line 300mm gap (150mm wide variant)
  - 1010 White intermittent line 1m long 1m gap 250mm wide (for bus lane) or 150mm wide (for cycle lane)
  - 1014 White deflection arrow 8m long
  - 1017 Yellow continuous single line 75mm wide
  - 1018.1 Yellow continuous double line 75mm wide 75mm apart
  - 1028.1 Yellow intermittent line 100mm wide with 1m line 1m gap. Yellow continuous line 200mm wide. Yellow letters BUS STOP 1800mm high 1m apart
  - 1028.4 Yellow intermittent line 100mm wide with 1m line 1m gap. Yellow continuous line 200mm wide. Yellow letters BUS STOP 1800mm high 1m apart
  - 1038 White slight ahead, turning or double headed arrow 4m long. (8m / 6m variant).
  - 1040 White intermittent line 100mm wide 4m line 2m gap. White hatching 150mm wide at 3m centres
  - 1040.4 White intermittent line 100mm wide 4m line 2m gap. White hatching 150mm wide at 3m centres
  - 1044 Yellowbox markings. 200mm wide continuous edge lines. 150mm wide cross hatching at 2m spacing
  - 1048.1 White letters BUS AND CYCLE LANE. Letters 1800mm high. Cycle symbol 1780mm high. 1m apart
  - 1049 White continuous line nominal 250mm wide
  - 1080 White advisory direction arrow 5500mm long
  - 1085 Stainless steel studs 100x100mm square, spacing 280mm min 720mm max
  - 1087 White cycle lane marking 1215mm long 750mm wide
  - 1089 White cycle lane turning arrow 2m long

- Signs and Road markings Key
-  Proposed Non-Illuminated sign. See Appendix 12/1
  -  Proposed Illuminated sign. See Appendix 12/1
  -  Take down sign. See Appendix 2/1

For	Medway Council	Purpose of contract	Phase	Client	Project
  <small>Miller House, 45 - 51 Lower Stone Street, Maidstone, Kent, ME10 0SH, England Tel: 01622 692000 Fax: 01622 692009 www.jacobs.com</small>					
<b>A2 Chatham Hill</b> <b>Bus Lane Improvements &amp; Cycle Route Scheme</b>					
<b>Proposed Improvements</b> <b>Signs &amp; Lining Details</b>					
<b>Preliminary</b>					
Scale	1:500 @ A1	Do not scale			
Drawing number	B1358100/MED/S/300				Rev
					0





**B1358100/MED/S/100**

**Notes**

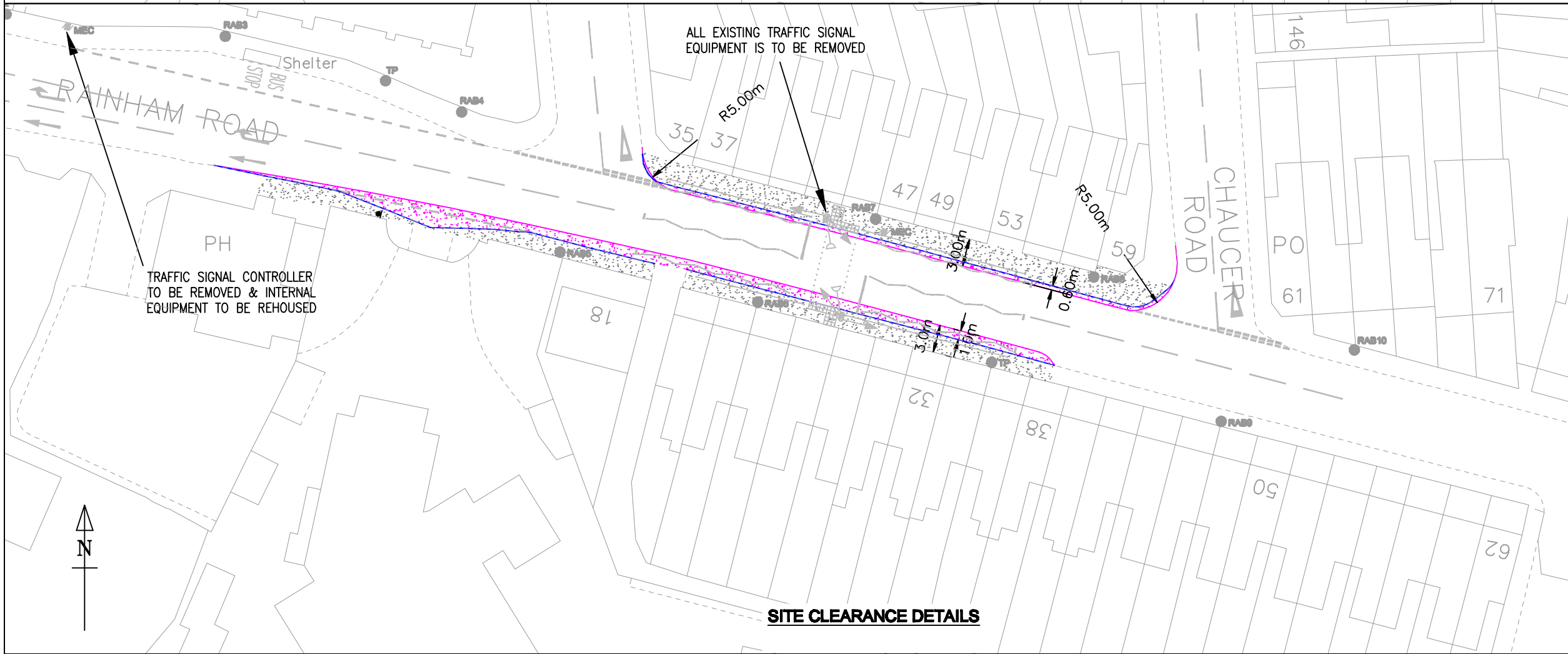
- All dimensions are proposed and in meters unless otherwise stated.
- All setting out is to be agreed on site with the engineer prior to the commencement of the works.
- All precast concrete kerbing and edging shall be in accordance with BS7263, Part F.
- Any voids between new kerbs and the existing carriageway shall be reinforced with 10mm Dersa bitumen Macadam.
- Infra-red luminous bituminous materials shall be set out to provide a clear vertical joint.
- Vertical faces of existing bituminous materials shall be primed with bitumen. Existing vertical or inclined surfaces shall be tack coated.
- New factory surfaces shall be laid with 1:40 crossfall towards carriageway unless otherwise directed by the engineer on site.
- All road markings are to be screeded.
- This drawing is to be read in conjunction with Traffic Signals drawing number B1358100/S/1.
- All diagram numbers refer to 'The Traffic Signs Regulations and General Directions 2002'. All road markings are to be standardized.
- Existing surfaces overlaid shall be swept clean prior to overlay and sprayed with tack coat.
- All existing curves in areas of construction to be raised to suit new levels.
- Existing traffic signal controller to be re-configured for LED traffic signal heads. All existing traffic signal equipment to be replaced.

**Construction Details Key**

- Full railway construction Type A to KCC/1080110, Number Depth 170mm.
- Pavement surfacing, number 170mm deep laid on surface and base course, layers are to drawing number KCC/1080110
- High friction surfacing, shall coloured to be laid like parastrip line on each approach, grey colour to be laid between each stop line and road edge.
- Pedestrian gullies with visibility gaps to KCC/4080800
- HB2 Proposed 120 x 200mm precast concrete half finished kerbing (Type HB2, Variation B updated 18/09/10 to KCC/1080110).
- BN Proposed 120 x 140mm precast concrete bollard kerbing (Type BN) with associated taper units type TL and TR, updated 9/10 to KCC/1080110.
- Proposed black dropped kerbs & red tactile paving, 60mm thick slabs to KCC/1080110, Type C. Slabs to align with kerbs on opposite side of road.
- OOAS Existing lamp column & reference number

**Site Clearance Key**

- Existing kerbing to be removed
- Existing pedestrian gullies to be removed
- Existing rising details, associated with the surface to be removed
- Proposed level of existing flag paving slabs by a nominal depth of 75mm
- Existing tactile paving to be removed
- Existing traffic signal equipment to be removed



Rev	Revised/Issued	Purpose of revision	Drawn	Checked	Author/Approver
0					

**Medway COUNCIL**

**JACOBS**  
Miller House, 45 - 51 Essex Street, Maidstone, Kent, ME10 0BB, England  
Tel: 01622 692200 Fax: 01622 692209 www.jacobs.com

**Project**  
A2 Chatham Hill  
Bus Lane Improvements & Cycle Route Scheme

**Drawing title**  
Proposed Improvements at  
Rock Avenue  
Detailed Design  
(Drawing 1 of 2)

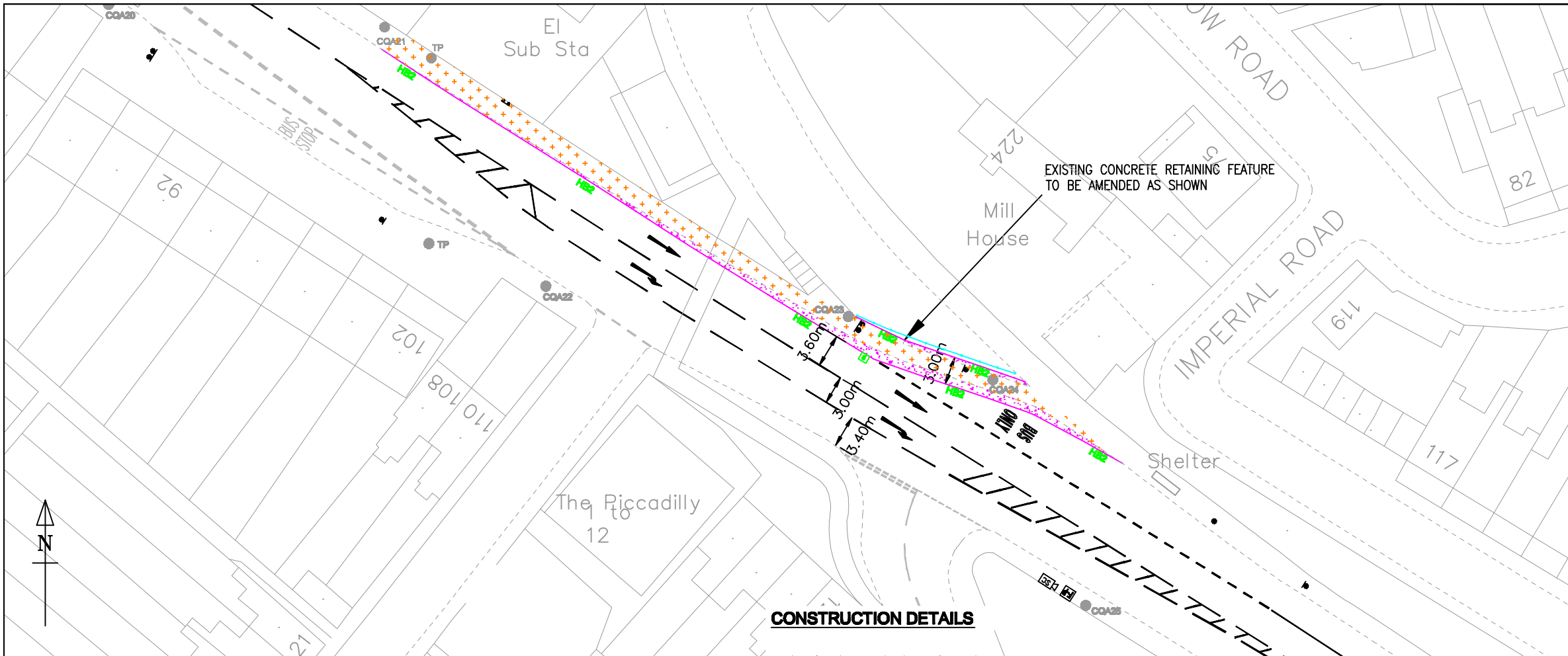
**Drawing status**  
Preliminary

**Scale**  
1:250 @ A1  
Do not scale

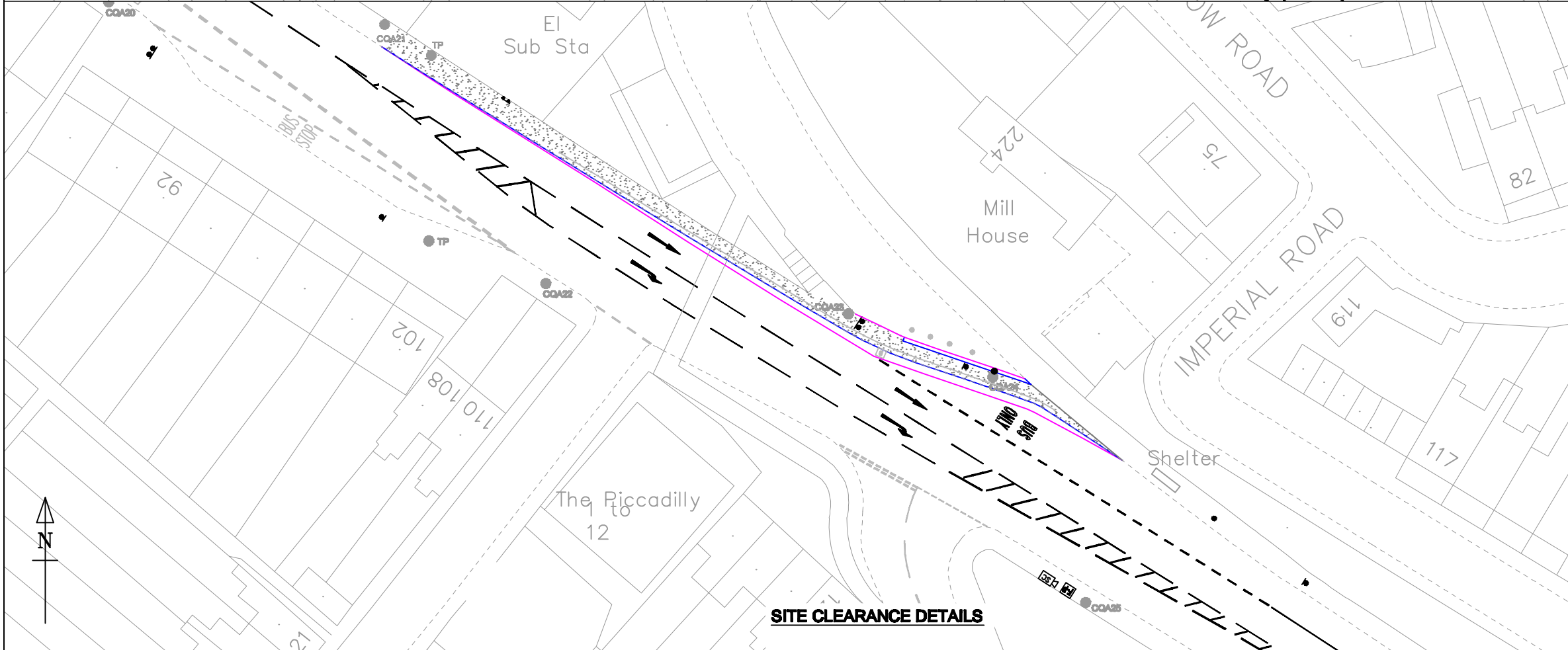
**Drawing number**  
B1358100/MED/S/100

**Rev**  
0

This drawing is not to be used in whole or part other than for the intended purpose and project as defined on the drawing. Refer to the contract for full terms and conditions.



**CONSTRUCTION DETAILS**



**SITE CLEARANCE DETAILS**

**B1358100/MED/S/200**

1. All dimensions are proposed and in meters unless otherwise stated.
2. All setting out is to be agreed on site with the engineer prior to the commencement of the works.
3. All present concrete kerbing and edging shall be in accordance with BS7261, Part 7.
4. Any voids between new kerbs and the existing carriageway shall be reinstated with 18mm Dense bituminous macadam.
5. Interfaces between bituminous materials shall be saw cut to provide a clean vertical joint.
6. Vertical faces of existing bituminous materials shall be primed with bitumen. Existing vertical or inclined surfaces shall be tack coated.
7. New factory surfaces shall be laid with 1:40 crossfall towards carriageway unless otherwise directed by the engineer on site.
8. All road markings are to be executed.
9. This drawing is to be read in conjunction with Traffic Signs drawing number B1358100/MED/S/1.
10. Refer to drawing number B1358100/MED/S/200 for all filing details. All diagram numbers refer to The Traffic Signs Regulations and General Directions 2002. All road markings are to be reflectorised.
11. Existing surfaces overlaid shall be swept clean prior to overlay and sprayed with tack coat.
12. All existing covers in areas of construction to be raised to suit new levels.

**Construction Details Key:**

- Full factory construction Type A to NCCO1688/116. Nominal Depth 175mm.
- Factory surfacing, nominal 75mm deep laid on surface and base course, layers set to drawing number NCCO1688/116.
- Protection gully with visibility gap to NCCO4688/202.
- Proposed 150 x 300mm present concrete half bituminous bedding (Type H82). Vertical B updated 18mm to NCCO1688/116.
- Existing kerb return & reference number
- Proposed present concrete gully to NCCO688/175

**Site Clearance Key:**

- Existing kerbs to be removed
- Existing protection gully to be removed
- Existing gully to be removed, replace gully & frame with heavy duty cover & frame.
- Remove level of existing flag paving slabs by a nominal depth of 75mm
- Existing concrete kerbs to be removed

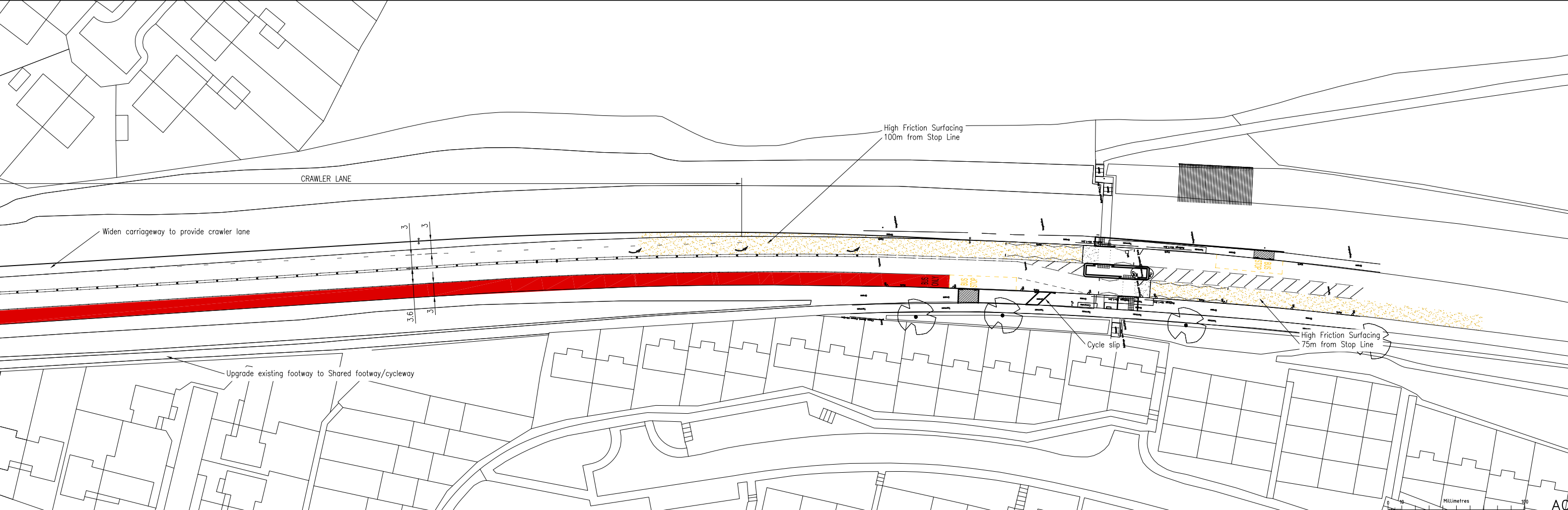
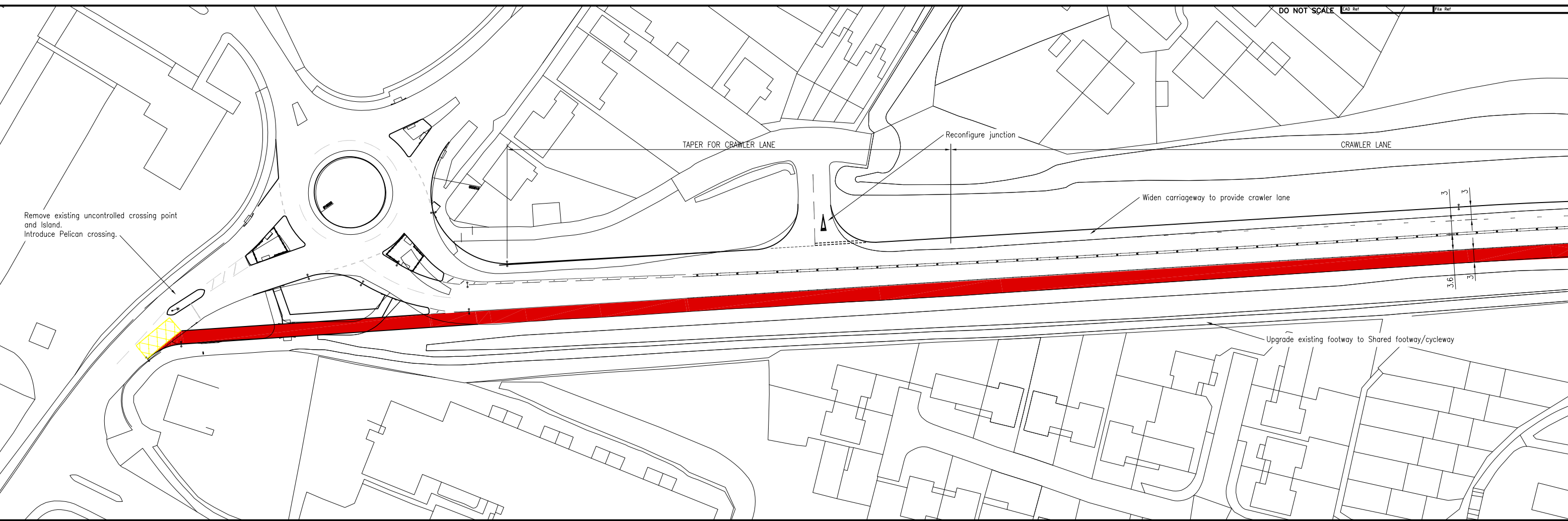
Rev	Revision Date	Purpose of revision	Issue	Checked	Reviewed	Approved
<small>Miller House, 40 - 51 Lower Chatham Street, Chatham, Kent, ME7 6BN, England Tel: 01474 600000 Fax: 01474 600000 www.jacobs.com</small>						
<b>Project</b> <b>A2 Chatham Hill</b> <b>Bus Lane Improvements &amp; Cycle Route Scheme</b>						
<b>Drawing No</b> <b>Proposed Improvements at</b> <b>Upper Luton Road</b> <b>Detailed Design</b> <b>(Drawing 2 of 2)</b>						
<b>Drawing Date</b> <b>Preliminary</b>						
Scale		1:250 @ A1		Do not scale		
<b>Drawing number</b> <b>B1358100/MED/S/200</b>						<b>Rev</b> <b>0</b>
<small>This drawing is not to be used to obtain or put otherwise than the intended purpose and project as defined on the drawing. Refer to the contract for full terms and conditions.</small>						



**NORTH DANE  
WAY  
SCHEME**







COPYRIGHT RESERVED This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Medway Council Licence Number 100024225, 2009.

Rev	Description	By	Date	Ch'd	Approved

**Medway**  
Serving You

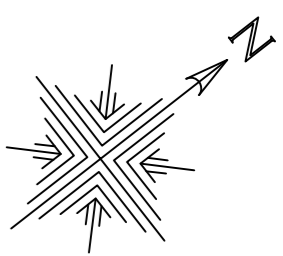
DIRECTORATE OF REGENERATION, COMMUNITY AND CULTURE  
CIVIC CENTRE  
STROOD, ROCHESTER  
SENT. ME2 4AUEL  
(01634) 306000

Project		BUS PRIORITY - NORTH DANE WAY		Status
Title		PROJECT SCHEME		Rev
Scale	Drawn	Checked	Approved	Drawing No.
1 : 500	Date	Date	Date	CONSULTATION



**ROCHESTER  
CORPORATION  
STREET  
SCHEME**





DRAWING NUMBER 211194/BL/CL/IN/3/SK001  
SHEET 1 OF 1

This map is reproduced from a plan based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings 100024225, 2009.

Notes:  
Do not scale. Report any errors or omissions to the Engineer. Verify all dimensions on site before commencing any work or preparing any detailed drawing.

P2	Drawing Revised To Suit Client's Comment	12.11.09
P1	Preliminary	
INDEX AMENDMENTS	DATE	

**Mott MacDonald**  
  
 8-10 Spinnakers Road  
 Croydon, CR9 2BE  
 T +44 (0)20 8816 2000  
 F +44 (0)20 8816 1500  
 www.mottmac.com

**Medway Council**  
*Serving You*  
 REGENERATION, COMMUNITY AND CULTURE  
 GUN WHARF  
 DOCK ROAD  
 KENT  
 ME4 4TR  
 MEDWAY (01634) 306000

PROJECT  
**Corporation Street Improvements**  
 TITLE  
**Sketch General Arrangement  
 On Esplanade Junction**

DRAWN	JB	DATE	November 2009
DESIGNED	JB		
CHECKED	DJM	SCALE @ A1	1:200
APPROVED			

DRAWING NUMBER 211194/BL/CL/IN/3/SK001 REV  
 SHEET 1 OF 1 P2

This document is the property of Mott MacDonald and is to be used for the purposes of the project only. It should not be relied upon by any other party or used for any other purpose. The user of this document is responsible for the consequences of the document being relied upon by any other party, or being used for any other purpose, or containing any error or omission which is due to an error or omission in data supplied to us by other parties.

This map is reproduced from/based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings 100024225, 2009.

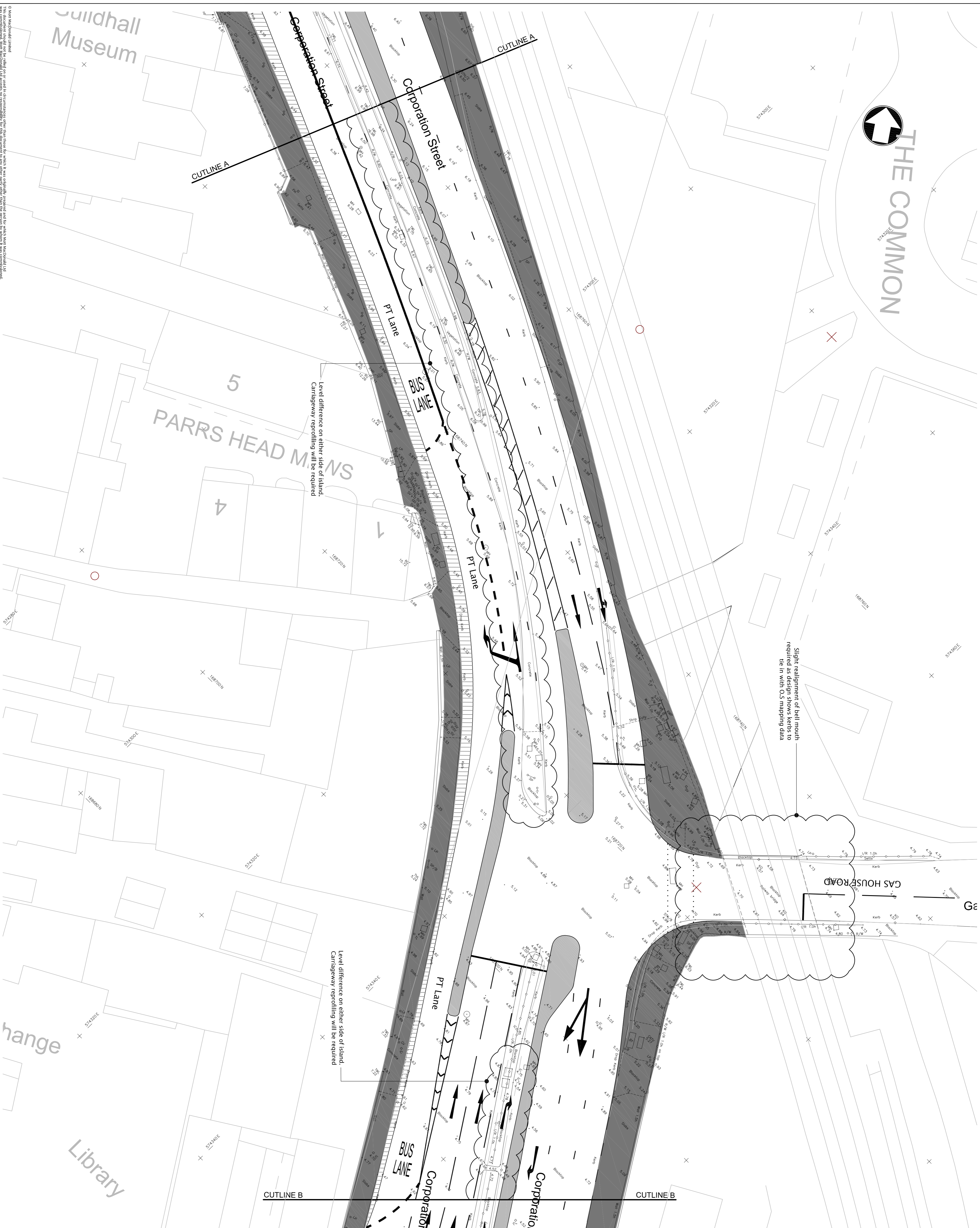
Notes:  
Do not scale. Report any errors or omissions to the Engineer. Verify all dimensions on site before commencing any work or preparing any detailed drawing.

Notes:

1. This drawing compares the topographical survey with the OS mapping data
2. Areas where large discrepancies are found have been bubbled and description given
3. OS mapping data shown in grey
4. Roadmarkings removed from topographical survey for clarity

Key:

- Proposed combined footway / cycleway
- Proposed new traffic island construction
- Proposed vegetation planting
- Proposed new footway construction



© Crown Copyright 2009. All rights reserved. This document is the property of Mott MacDonald Ltd and is not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Mott MacDonald Ltd.

<p><b>Mott MacDonald</b></p> <p>55 Abchurch Lane London EC4N 3DF Tel: +44 (0)20 8724 2000 Fax: +44 (0)20 8661 3700 Web: www.mottmac.com</p>		<p><b>Medway Council</b></p> <p>Serving You</p> <p>REGENERATION, COMMUNITY AND CULTURE</p> <p>QUIN WHARF DOCK ROAD KENT ME4 4TR MEDWAY (01634) 306000</p>							
<p>CLIENT</p> <p>Chatham Town Centre and Waterfront Development Phase 2</p>		<p>PROJECT</p> <p>Corporation Street Improvements Topographical Survey/OS Data Comparison</p>							
<p>TITLE</p> <p>Corporation Street Improvements Topographical Survey/OS Data Comparison</p>		<p>INDEX AMENDMENTS</p> <table border="1"> <thead> <tr> <th>INDEX</th> <th>AMENDMENTS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>P1</td> <td>For information</td> <td>07/09</td> </tr> </tbody> </table>		INDEX	AMENDMENTS	DATE	P1	For information	07/09
INDEX	AMENDMENTS	DATE							
P1	For information	07/09							
<p>DRAWN</p> <p>RNS</p>	<p>DATE</p> <p>03/07/2009</p>	<p>CHECKED</p> <p>DJS</p>	<p>SCALE @ A1</p> <p>1:200 @ A1</p>						
<p>APPROVED</p> <p>ERR</p>	<p>DRAWING NUMBER</p> <p>211194/IN/71/SK002</p>	<p>REV</p> <p>P1</p>	<p>SHEET 2 OF 3</p>						





This map is reproduced from/based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings 100024225, 2009.

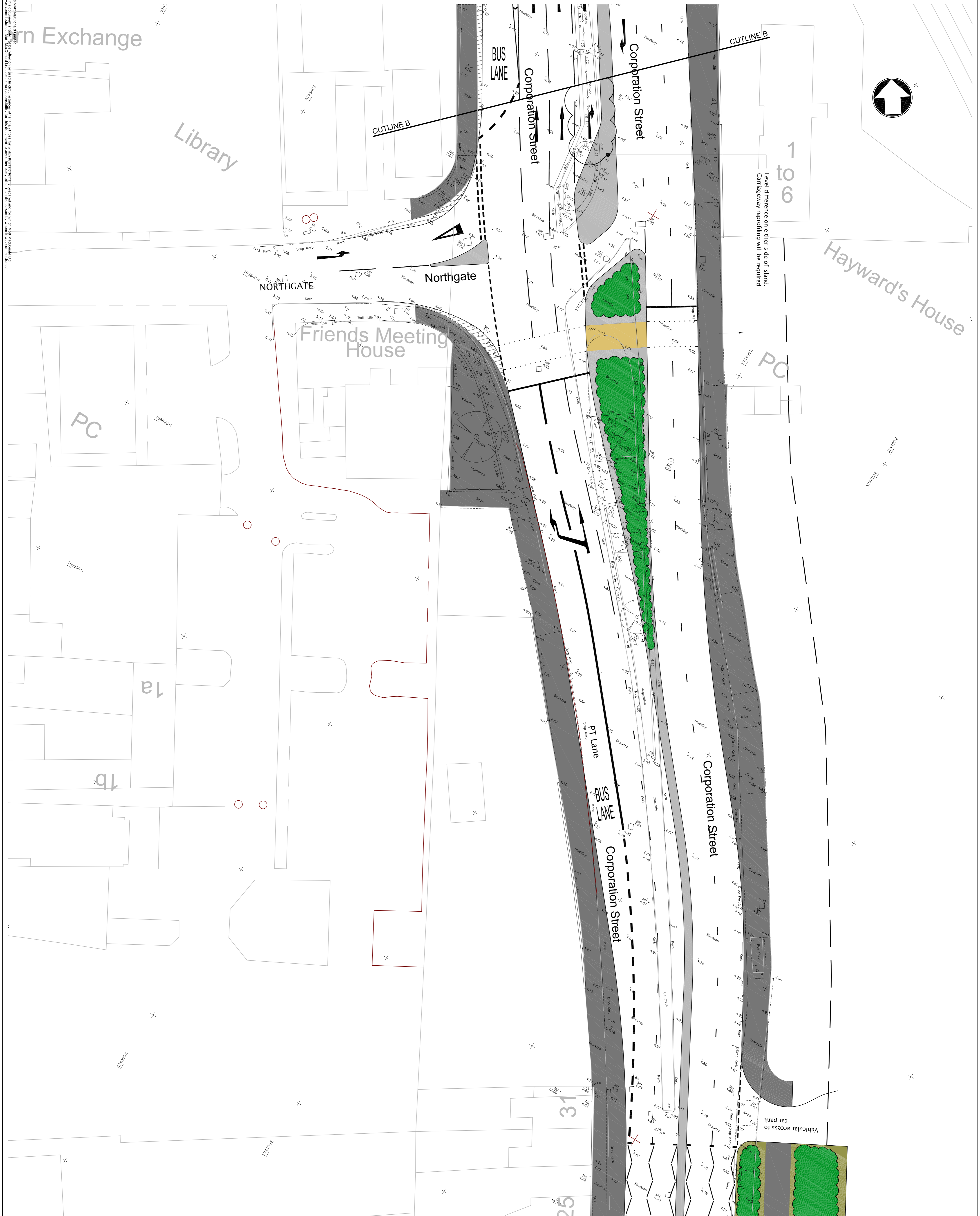
Notes:  
Do not scale. Report any errors or omissions to the Engineer. Verify all dimensions on site before commencing any work or preparing any detailed drawing.

Notes:

1. This drawing compares the topographical survey with the O/S mapping data
2. Areas where large discrepancies are found have been bubbled and description given
3. O/S mapping data shown in grey
4. Roadmarkings removed from topographical survey for clarity

Key:

-  Proposed combined footway / cycleway
-  Proposed new traffic island construction
-  Proposed vegetation planting
-  Proposed new footway construction



INDEX	AMENDMENTS	DATE
P1	For information	07/09

CLIENT	<p><b>M Mot</b> <b>MacDonald</b></p> <p>55 Ames House Wellshay Road Chatham, CH4 2JL Kent Tel: +44 (0)20 8724 2000 Fax: +44 (0)20 8661 3706 Web: www.motmacdonald.com</p>
PROJECT	<p><b>Medway</b> COUNCIL</p> <p>Serving You</p> <p>REGENERATION, COMMUNITY AND CULTURE</p> <p>GUN WHARF DOCK ROAD KENT ME4 4TR MEDWAY (01634) 306000</p>
TITLE	<p>Chatham Town Centre and Waterfront Development Phase 2</p> <p>Corporation Street Improvements Topographical Survey/O/S Data Comparison</p>

DRAWN	RNS	DATE	03/07/2009
DESIGNED	DJS	SCALE	@ A1
CHECKED	DJS	SCALE	@ A1
APPROVED	ERR	REV	P1
DRAWING NUMBER	211194/IN/71/SK003		
SHEET	3 OF 3		

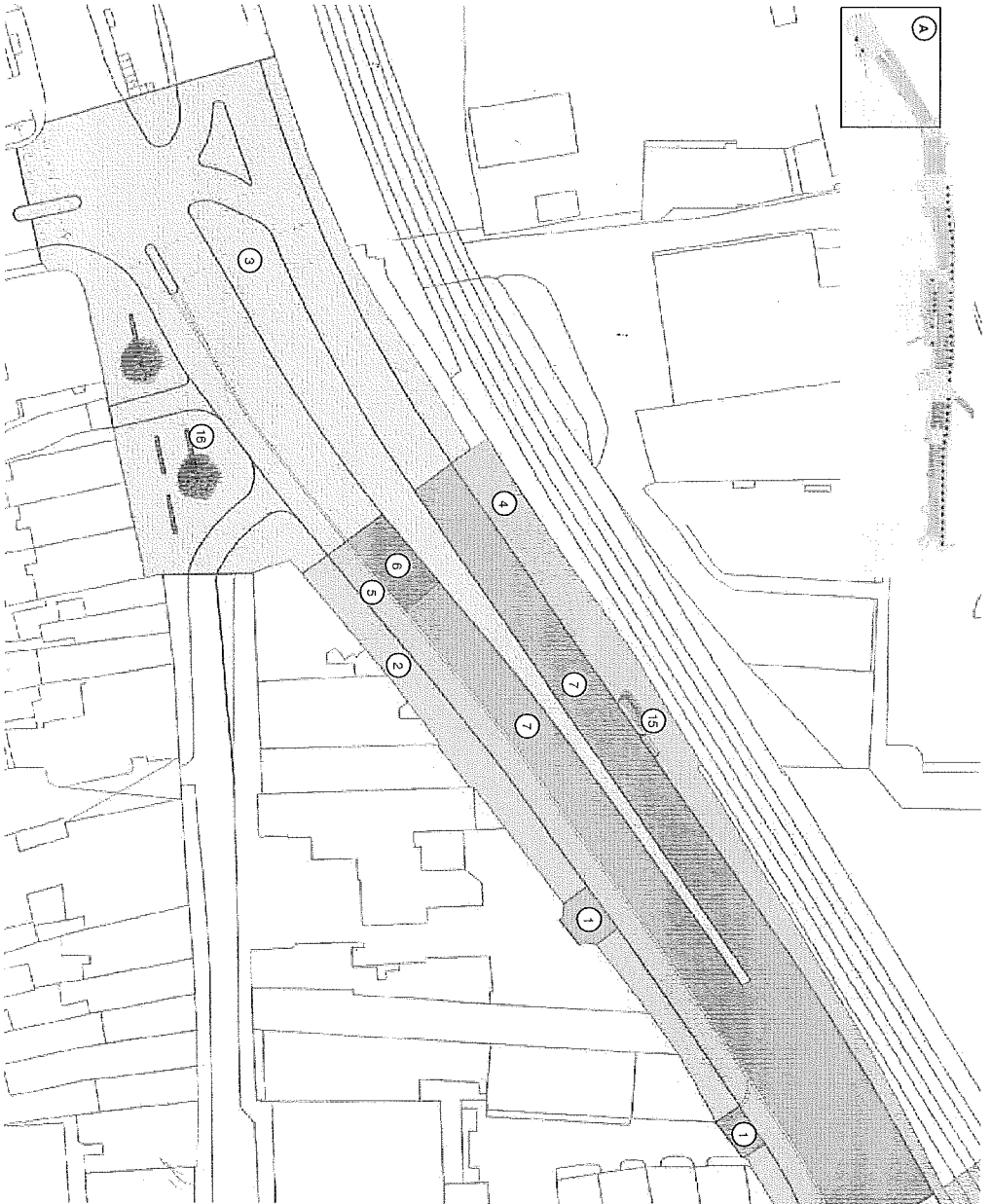


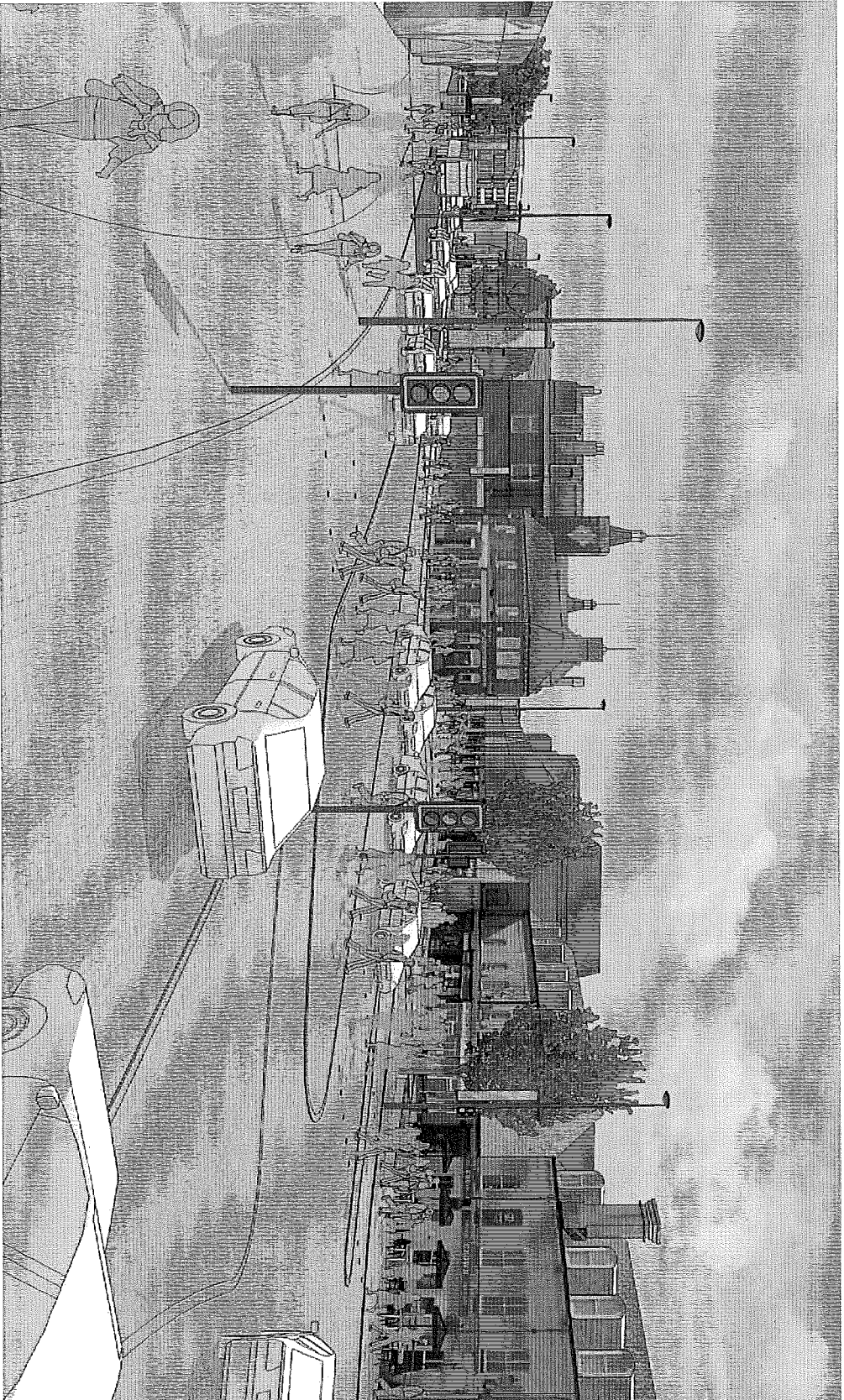


Materials Design Guidance

1. Granite setts
2. Yorkstone slabs
3. Blue grey mix pcc paving
4. Silver grey pcc flags
5. Buff colour shell grit
6. Grey colour shell grit
7. Asphalt surface
8. Self binding gravel to tree pits
9. Granite kerb 25mm upstand
10. Granite kerb flush
11. Central cycle lane demarcation
12. Bus lane marking
13. Highway's lighting
14. Pedestrian lighting
15. Bus shelter
16. Typical stone bench.

Esplanade Junction



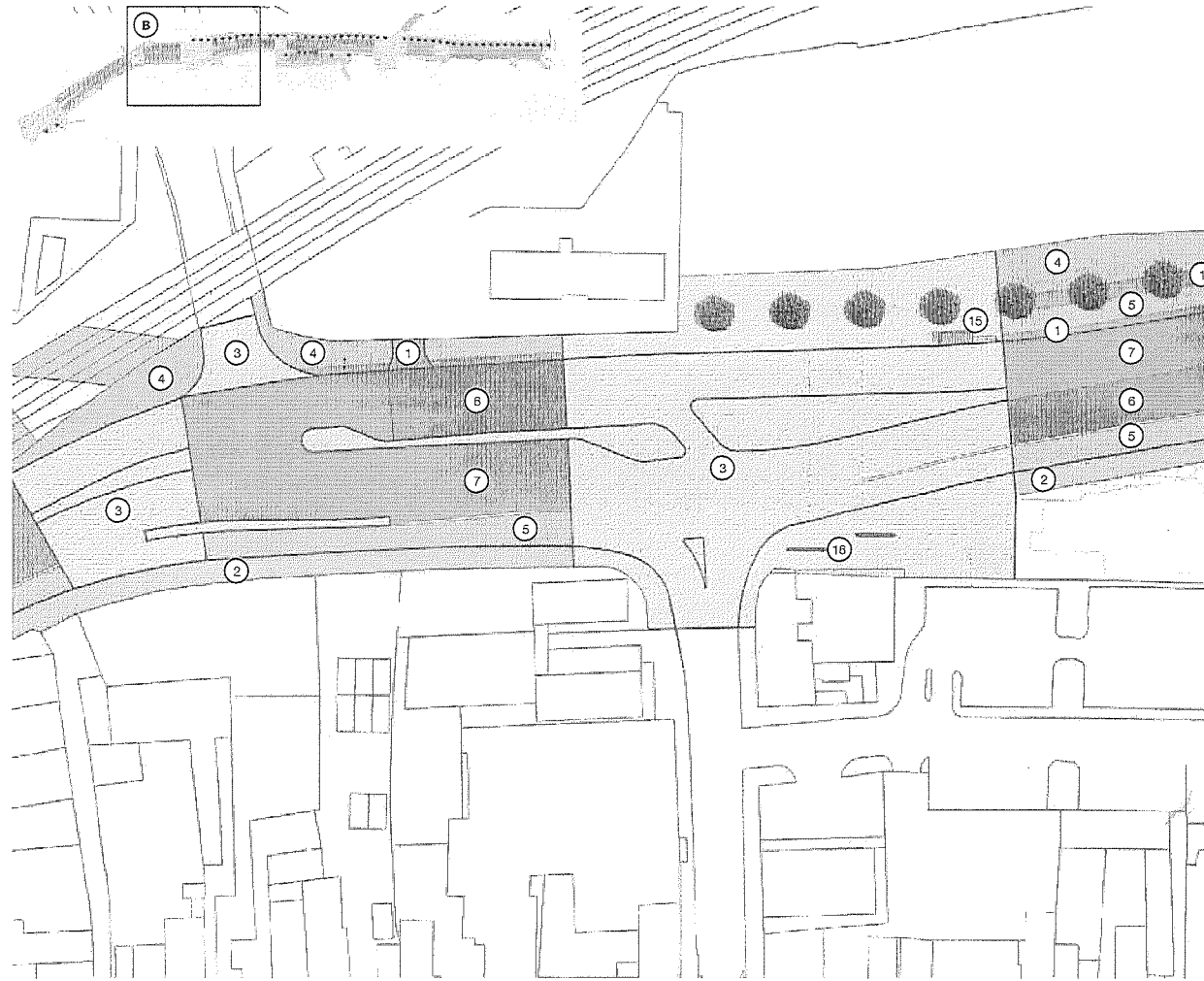


Esplanade Junction

Materials Design Guidance

1. Granite setts
2. Yorkstone slabs
3. Blue grey mix pcc paving
4. Silver grey pcc flags
5. Buff colour shell grit
6. Grey colour shell grit
7. Asphalt surface
8. Self binding gravel to tree pits
9. Granite kerb 25mm upstand
10. Granite kerb flush
11. Central cycle lane demarcation
12. Bus lane marking
13. Highways lighting
14. Pedestrian lighting
15. Bus shelter
16. Typical stone bench.

Northgate Junction

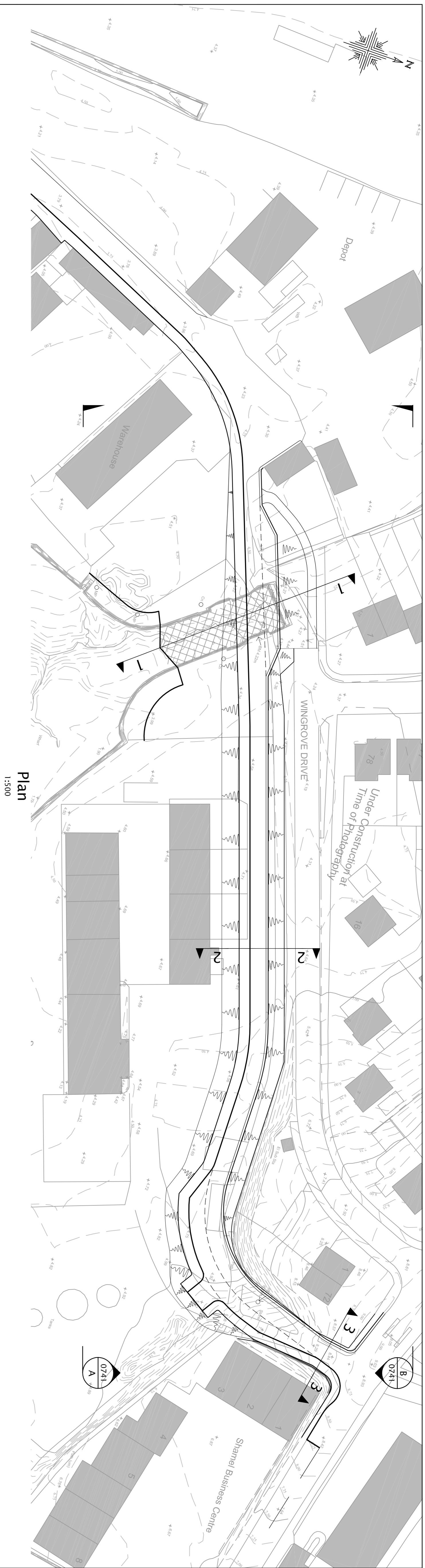




Northgate Junction

# STROOD RIVERSIDE SCHEME

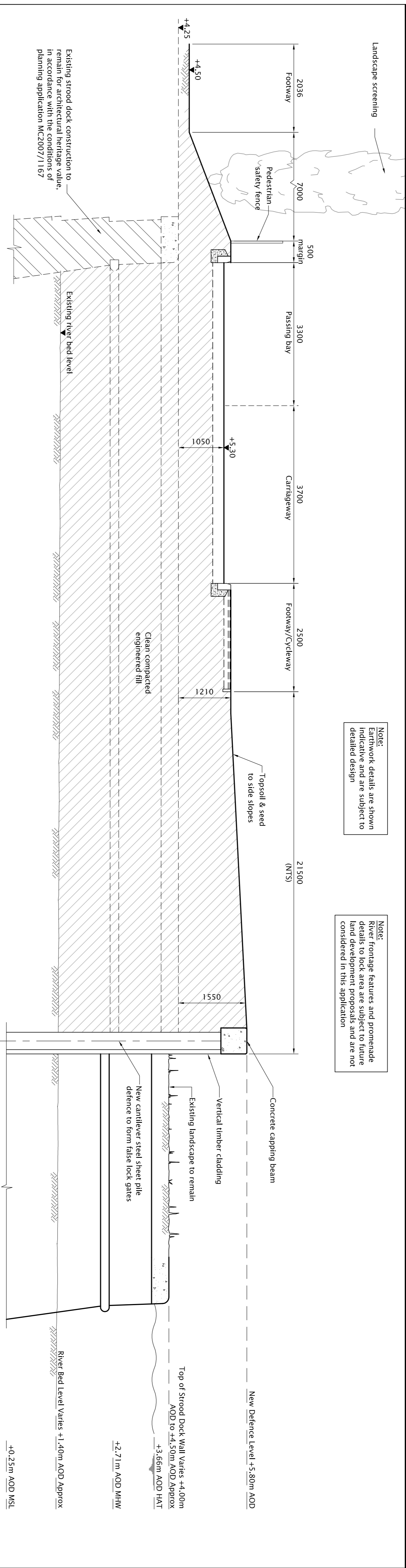




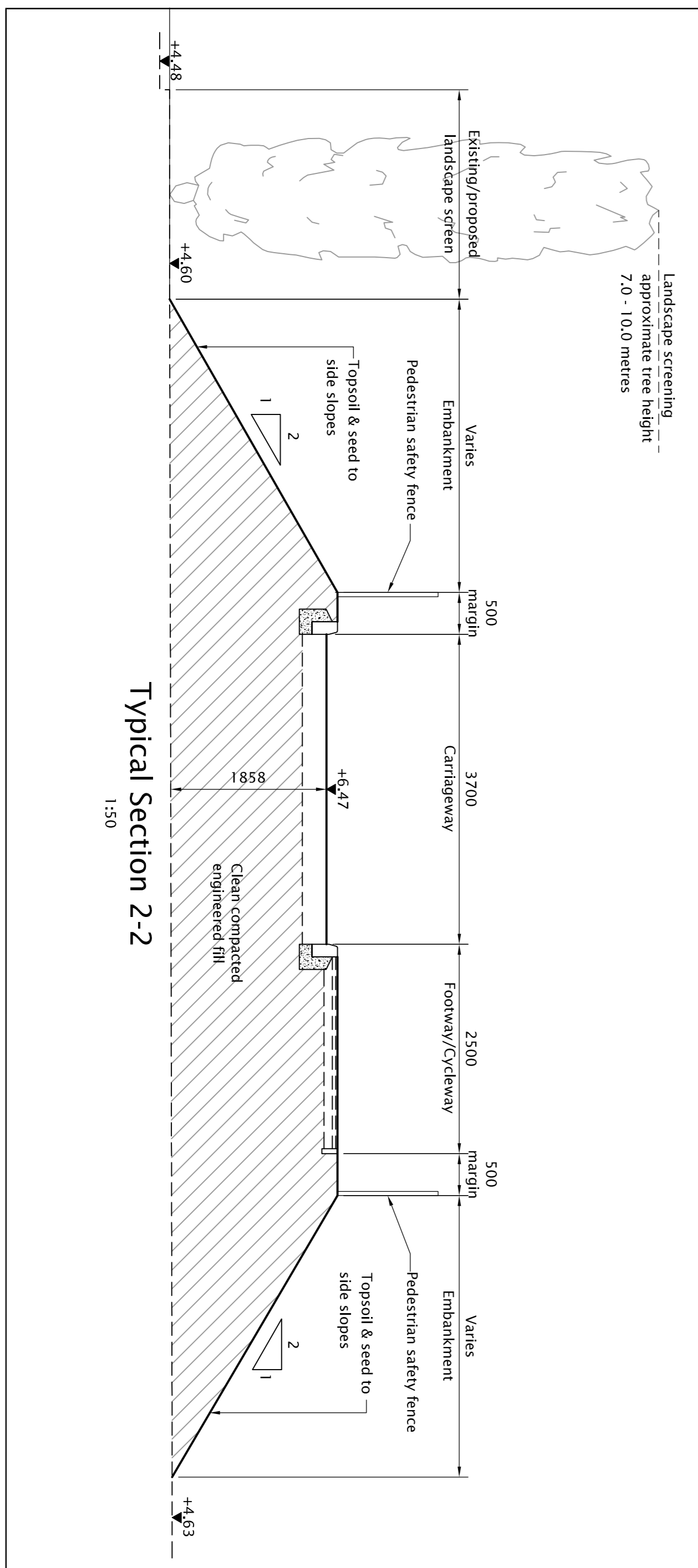
Plan  
1:500

Note:  
Earthwork details are shown indicative and are subject to detailed design.

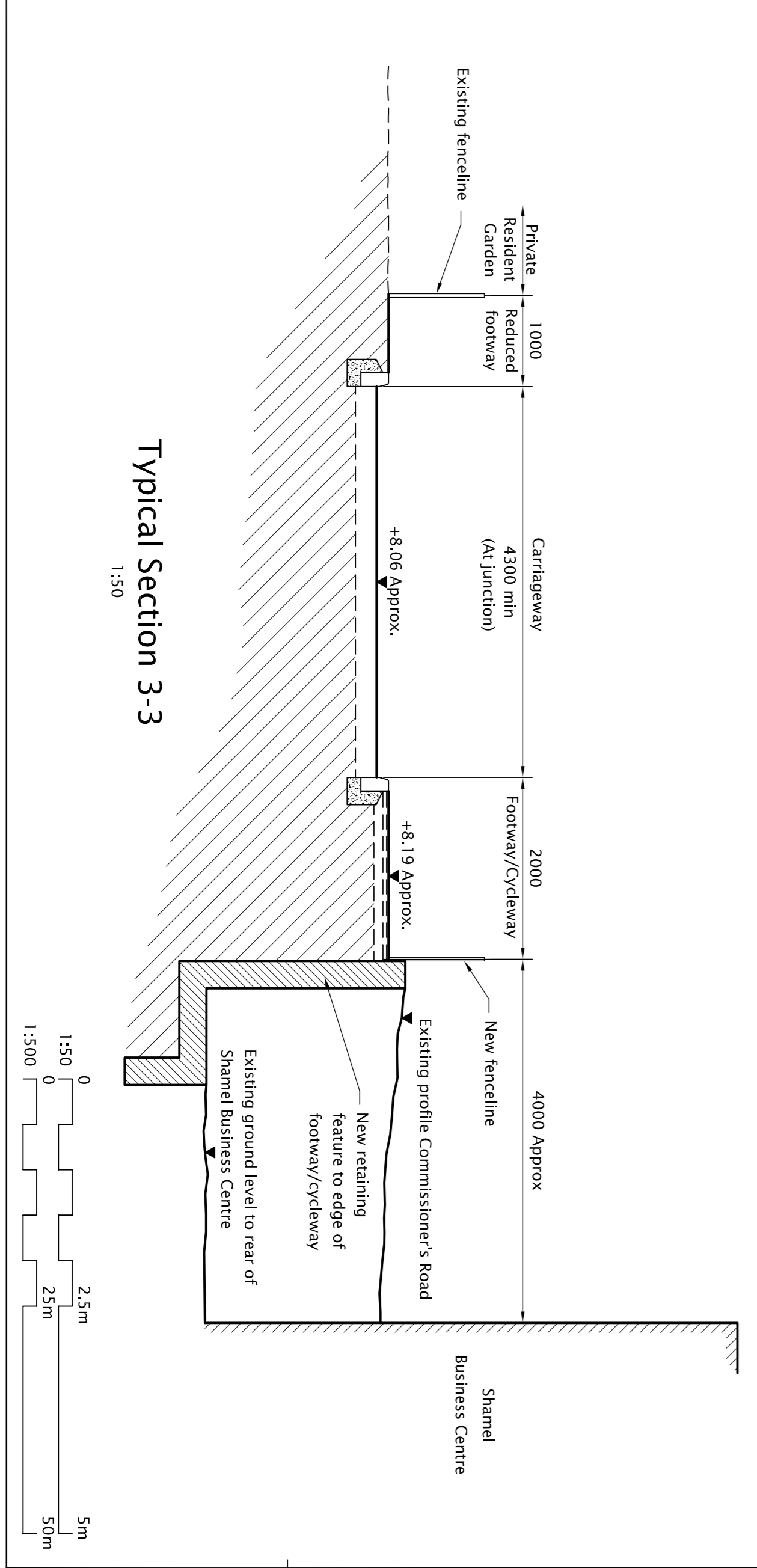
Note:  
River frontage features and promenade details to lock area are subject to future land development proposals and are not considered in this application.



Section 1-1 Sheet Pile Wall - Canal Inlet  
1:50



Typical Section 2-2  
1:50



Typical Section 3-3  
1:50

DRAWING NUMBER 211194/BLC/N/20740  
SHEET 1 OF 1

This map is reproduced from/derived upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings 100024225, 2009.

Notes:  
Do not scale. Report any errors or omissions to the Engineer. Verify all dimensions on site before commencing any work or preparing any detailed drawing.

- All dimensions are in millimetres unless stated otherwise.
- This drawing is to be read in conjunction with Mort MacDonald drawing nos. 211194-BLC-N/20110, 0120, 0130, 0500, 0700, 0701, 0710, 0720, 0741 & 1300.
- All survey information and station control shown on this drawing is based on Evans and Langford drawing no. D7424/S1, S2 & S3.
- All details on this drawing are subject to amendment following detailed design.

INDEX	AMENDMENTS	DATE
P2	Section Dimensions Added	13/07/09
P1	Final Issue	15/05/09

**Mort MacDonald**  
55 Anne House  
Wellshill Road  
Orpington, Kent  
SE8 2JH  
Tel: +44 (0)20 8724 2000  
Fax: +44 (0)20 8681 3706  
Web: www.mortmacdonald.com

**Medway Council**  
Serving You  
REGENERATION, COMMUNITY AND CULTURE  
GUN WHARF  
DOCK ROAD  
KENT  
ME4 4TR  
MEDWAY (01634) 306000

**Canal Road Sustainable Transport Link**

Existing and Proposed Cross Sections

DRAWN	EP	DATE	May 2009
DESIGNED	KBL	SCALE	@ A1
CHECKED	DJM	APPROVED	As shown
APPROVED	SPC		

DRAWING NUMBER 211194/BLC/N/20740 REV P2  
SHEET 1 OF 1