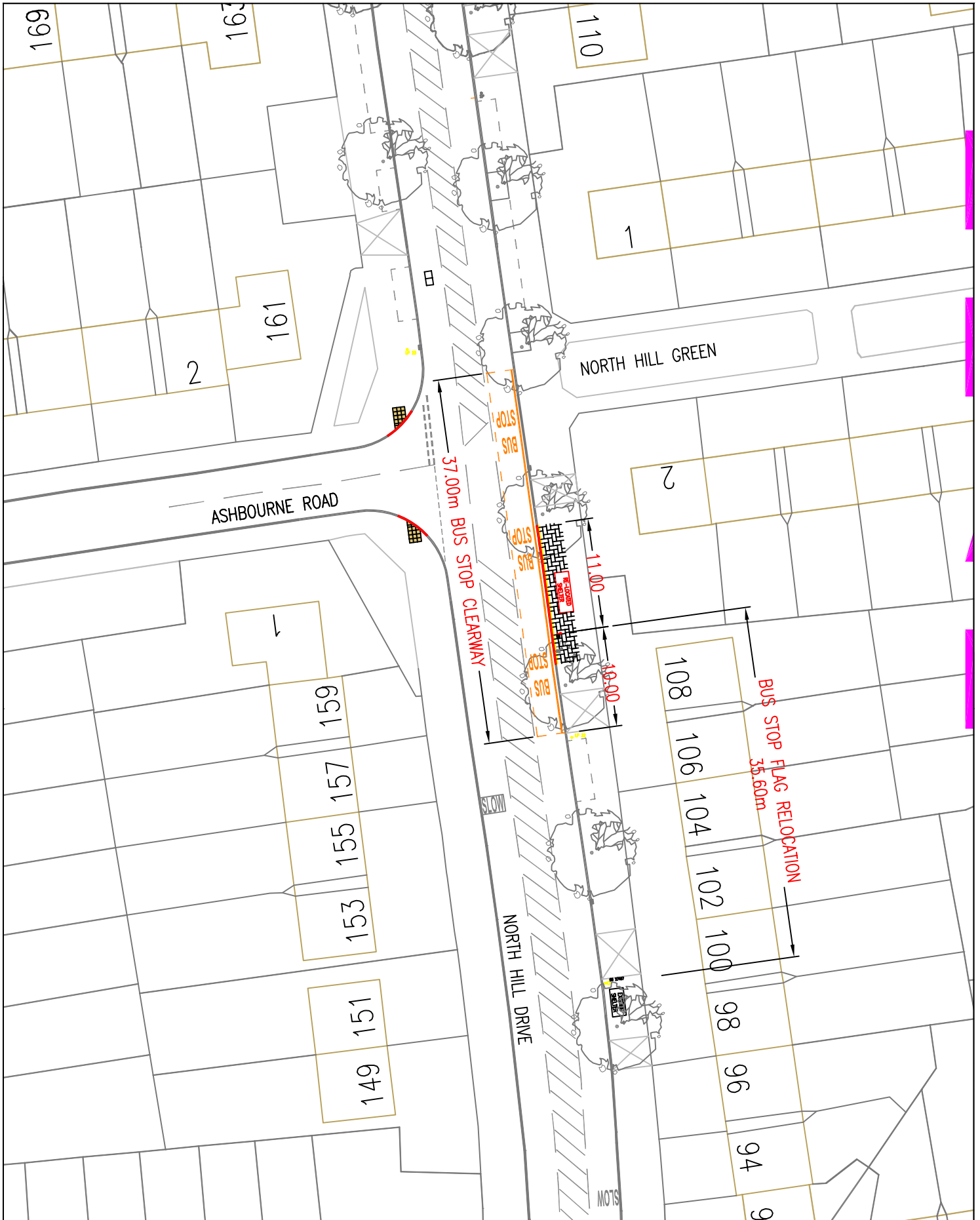
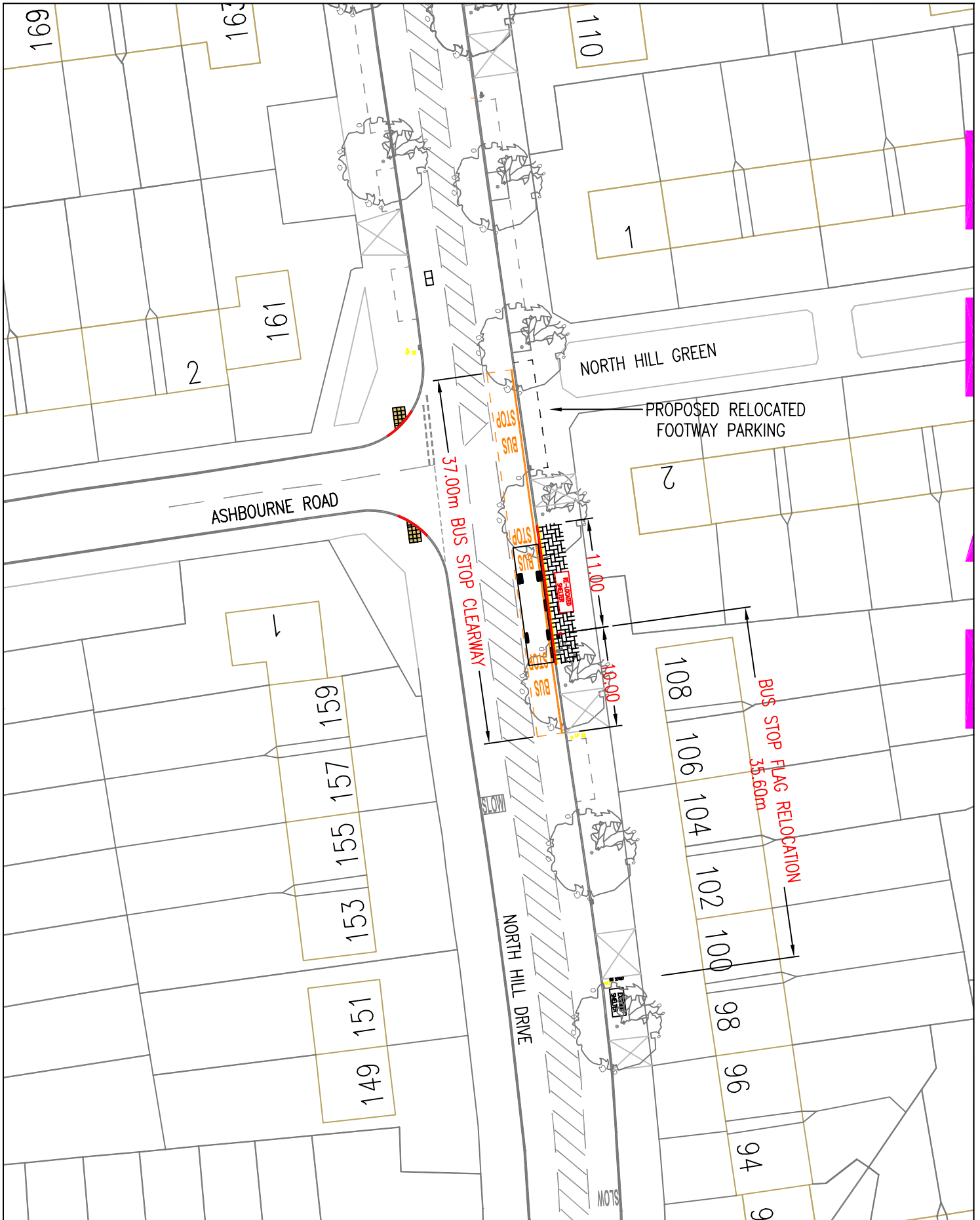


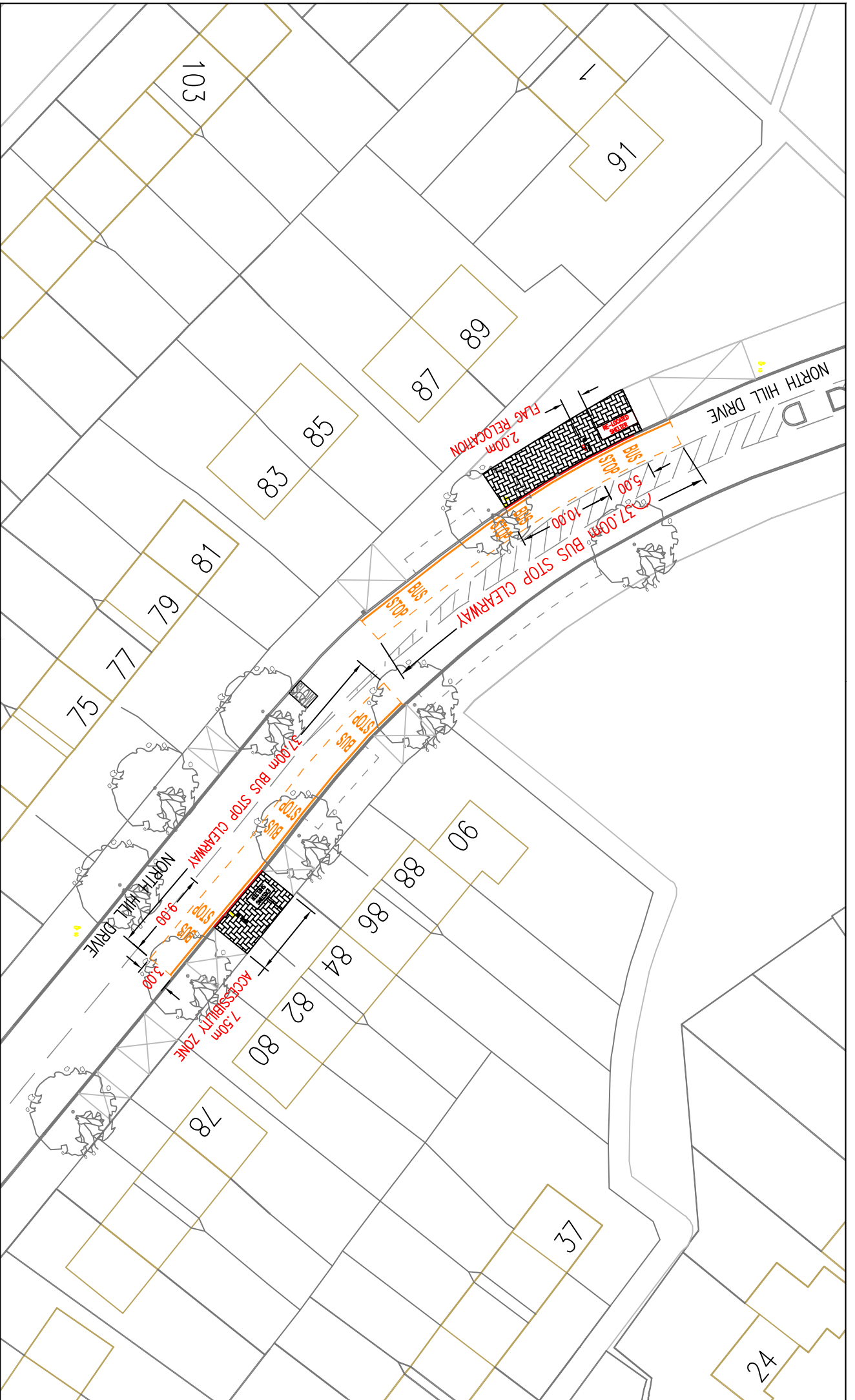
<p>Haverling LONDON BOROUGH STREETCARE CULTURE & COMMUNITY TRAFFIC & ENGINEERING 10th FLOOR MERCURY HOUSE MERCURY GARDENS, ROMFORD, RM1 3DW TELEPHONE No: 01708 43433 FAX No: 01708 433721 EMAIL: streetcare@haverling.co.uk</p>	
<p>JOB TITLE BUS STOP ACCESSIBILITY NORTH HILL DRIVE</p>	
<p>DRAWING TITLE PROPOSED MEASURES BS2746 & BP4552</p>	
<p>DRAWN BY RP</p>	<p>CHECKED BY MLP</p>
<p>SCALE (AT A4 SIZE) 1:500</p>	<p>DATE 10.12.12</p>
<p>ACAD REF: Sheet No: 14 (297/210)</p>	<p>DRAWING No Q1020-OF-101&102 A</p>
<p>APPROVED BY</p>	<p>REVISION</p>
<p>PURPOSE</p>	<p>PROPOSAL</p>
<p>REVISION</p>	<p>AMENDMENT</p>
<p>DATE</p>	<p>DATE</p>
<p>COPYRIGHT This drawing belongs to Streetcare Culture & Community, Traffic & Engineering Section. Neither the whole nor any part thereof may be reproduced without prior written permission. Based upon Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. London Borough of Haverling 100024327</p>	



Havering LONDON BOROUGH STREETCARE - CULTURE & COMMUNITY		10th FLOOR MERCURY HOUSE MERCURY GARDENS ROMFORD, RM1 3DW TELEPHONE No: 01708 434343 FAX No: 01708 433721 E-MAIL: streetcare@havering.gov.uk		PURPOSE PROPOSAL		©COPYRIGHT This drawing belongs to StreetCare Culture & Community, Traffic & Engineering Section. Neither the whole nor any part thereof may be reproduced without prior written permission.	
JOB TITLE BUS STOP ACCESSIBILITY NORTH HILL DRIVE		Based upon Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. London Borough of Havering 100024327					
DRAWING TITLE PROPOSED MEASURES		DRAWN BY RP		CHECKED BY MLP		APPROVED BY 	
SCALE (AT A4 SIZE) 1:500		DATE 10.12.12		DRAFT		ISSUE	
ACAD REF: Sheet Size: A4 (210x297)		DRAWING No QL020-OF-103		REVISION A		REVISION AMENDMENT	
						DATE	



Havering LONDON BOROUGH STREETCARE - CULTURE & COMMUNITY		10th FLOOR MERCURY HOUSE MERCURY GARDENS ROMFORD, RM1 3DW TELEPHONE No: 01708 434343 FAX No: 01708 433721 E-MAIL: streetcare@havering.gov.uk		PURPOSE PROPOSAL			
JOB TITLE BUS STOP ACCESSIBILITY NORTH HILL DRIVE		©COPYRIGHT This drawing belongs to StreetCare Culture & Community, Traffic & Engineering Section. Neither the whole nor any part thereof may be reproduced without prior written permission.		Based upon Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. London Borough of Havering 100024327			
DRAWING TITLE PROPOSED MEASURES		DRAWN BY RP	CHECKED BY MLP	APPROVED BY			
SCALE (AT A4 SIZE) 1:500	DATE 22.01.13	<input type="checkbox"/> DRAFT <input checked="" type="checkbox"/> ISSUE	ACAD REF:	DRAWING No QLO20-OF-103	REVISION B	B FOOTWAY PARKING RELOCATED REVISION AMENDMENT	22.01.13 DATE




Haverling
 LONDON BOROUGH
 STREETCARE CULTURE & COMMUNITY
 TRAFFIC & ENGINEERING
 10th FLOOR MERCURY HOUSE
 MERCURY GARDENS, ROMFORD, RM1 3DW
 TELEPHONE NO: 01708 434343 FAX No: 01708 433721
 EMAIL: streetcare@haverling.co.uk

JOB TITLE
 BUS STOP ACCESSIBILITY
 NORTH HILL DRIVE
DRAWING TITLE
 PROPOSED MEASURES
 BS27465 & BS27466

DRAWN BY
 RP
SCALE (AT A4 SIZE)
 1:500
ACAD REF:
 Sheet No: 14 (297/210)

CHECKED BY
 MLP
DATE
 10.12.12
DRAWING No
 Q1020-OF-104&105 A

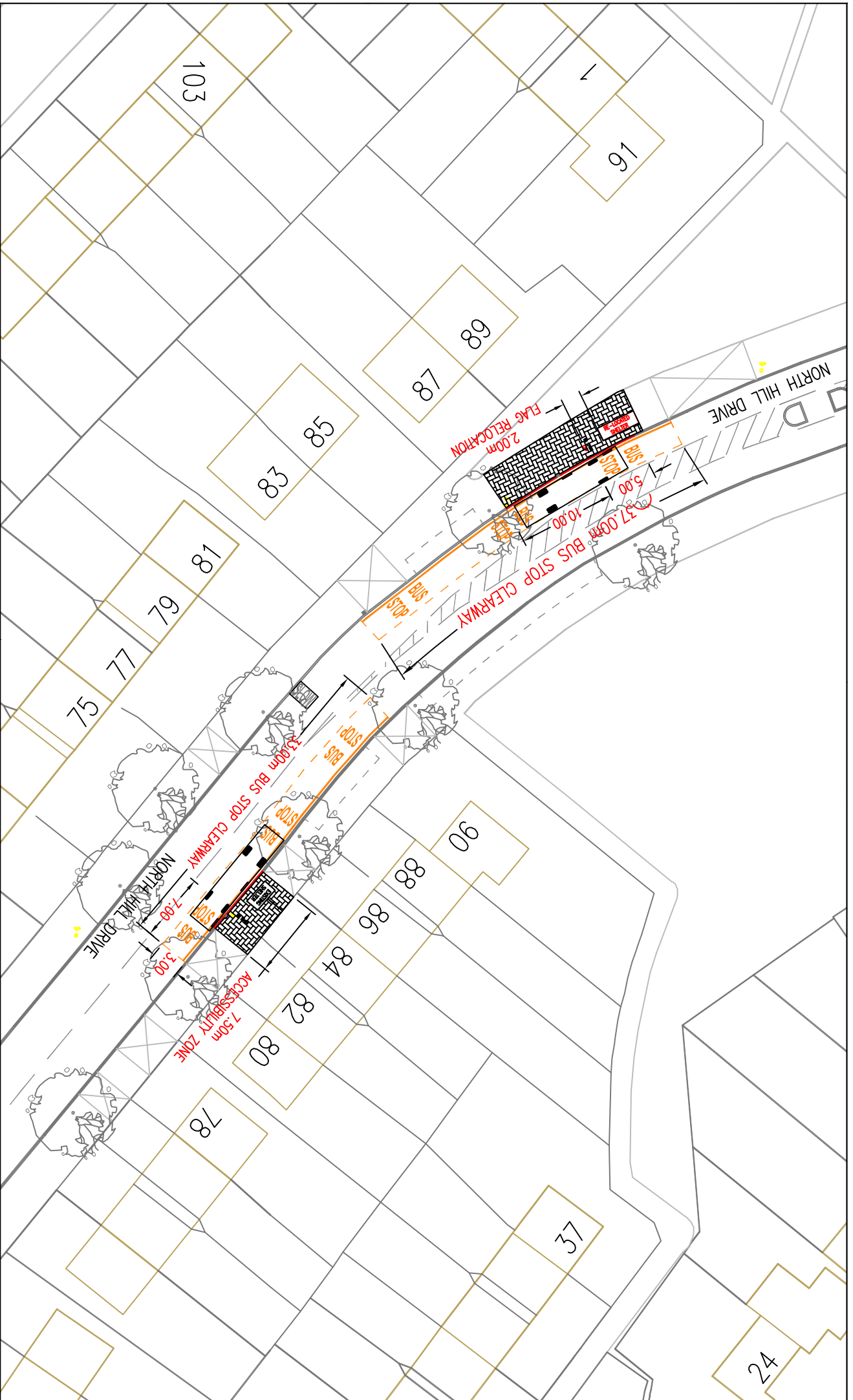
APPROVED BY
 DRAFT
 ISSUE
REVISION

PURPOSE
 PROPOSAL
REVISION

AMENDMENT
REVISION

DATE

©COPYRIGHT
 This drawing belongs to Streetcare Culture & Community, Traffic & Engineering Section. Neither the whole nor any part thereof may be reproduced without prior written permission.
 Based upon Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. London Borough of Haverling 100024327




Haverling
 LONDON BOROUGH
 STREETCARE CULTURE & COMMUNITY
 TRAFFIC & ENGINEERING
 10th FLOOR MERCURY HOUSE
 MERCURY GARDENS, ROMFORD, RM1 3DW
 TELEPHONE No: 01708 434343 FAX No: 01708 433721
 EMAIL: streetcare@haverling.co.uk

JOB TITLE
 BUS STOP ACCESSIBILITY
 NORTH HILL DRIVE
DRAWING TITLE
 PROPOSED MEASURES
 BS27465 & BS27466

DRAWN BY
 RP
SCALE (AT A4 SIZE)
 1:500
ACAD REF:
 Sheet No: A4 (297x210)

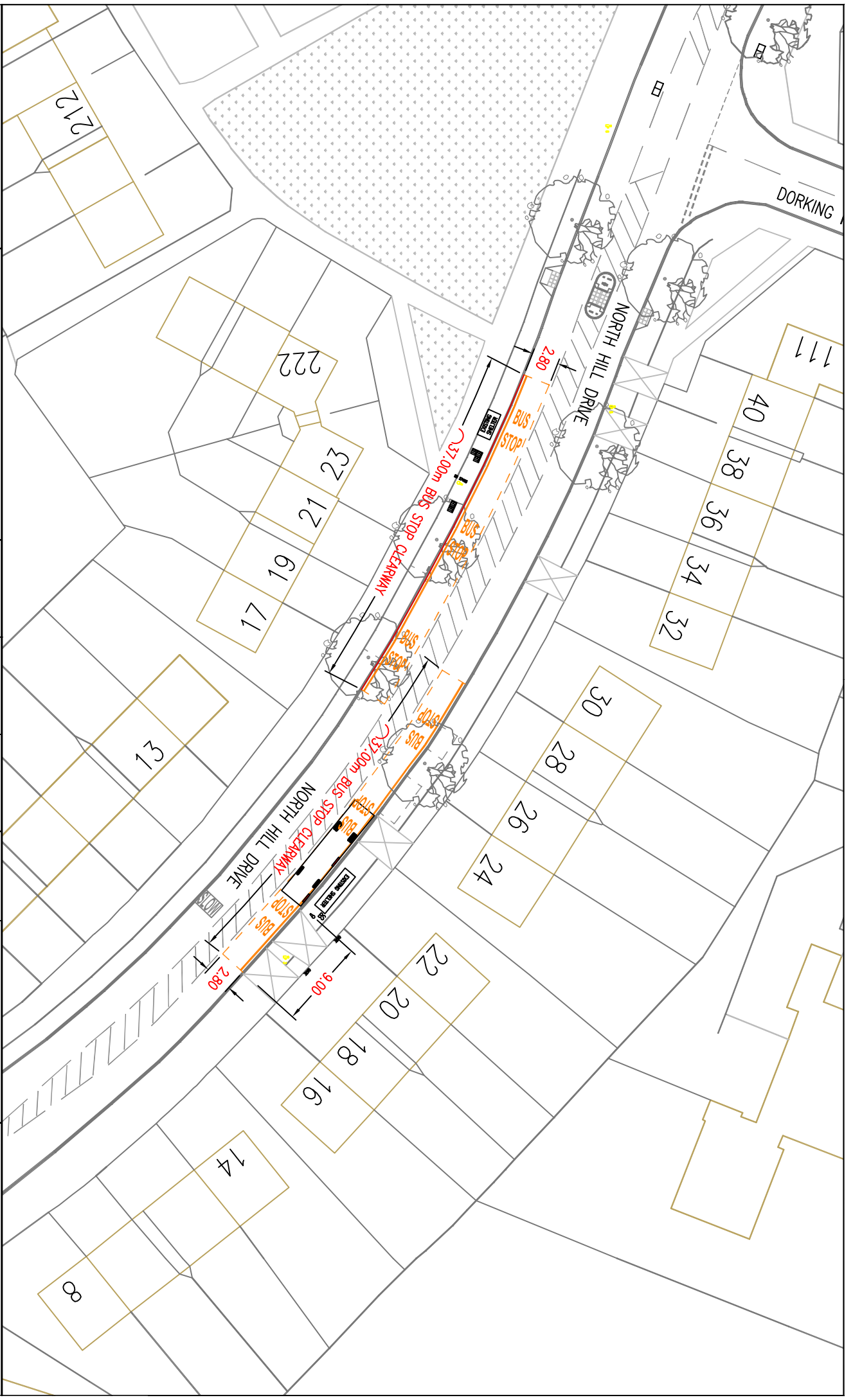
CHECKED BY
 MLP
DATE
 22.01.13
DRAWING No
 Q1020-OF-104&105 B

APPROVED BY
 DRAFT
 ISSUE
REVISION
 B

PURPOSE
 PROPOSAL
REVISION
 AMENDMENT

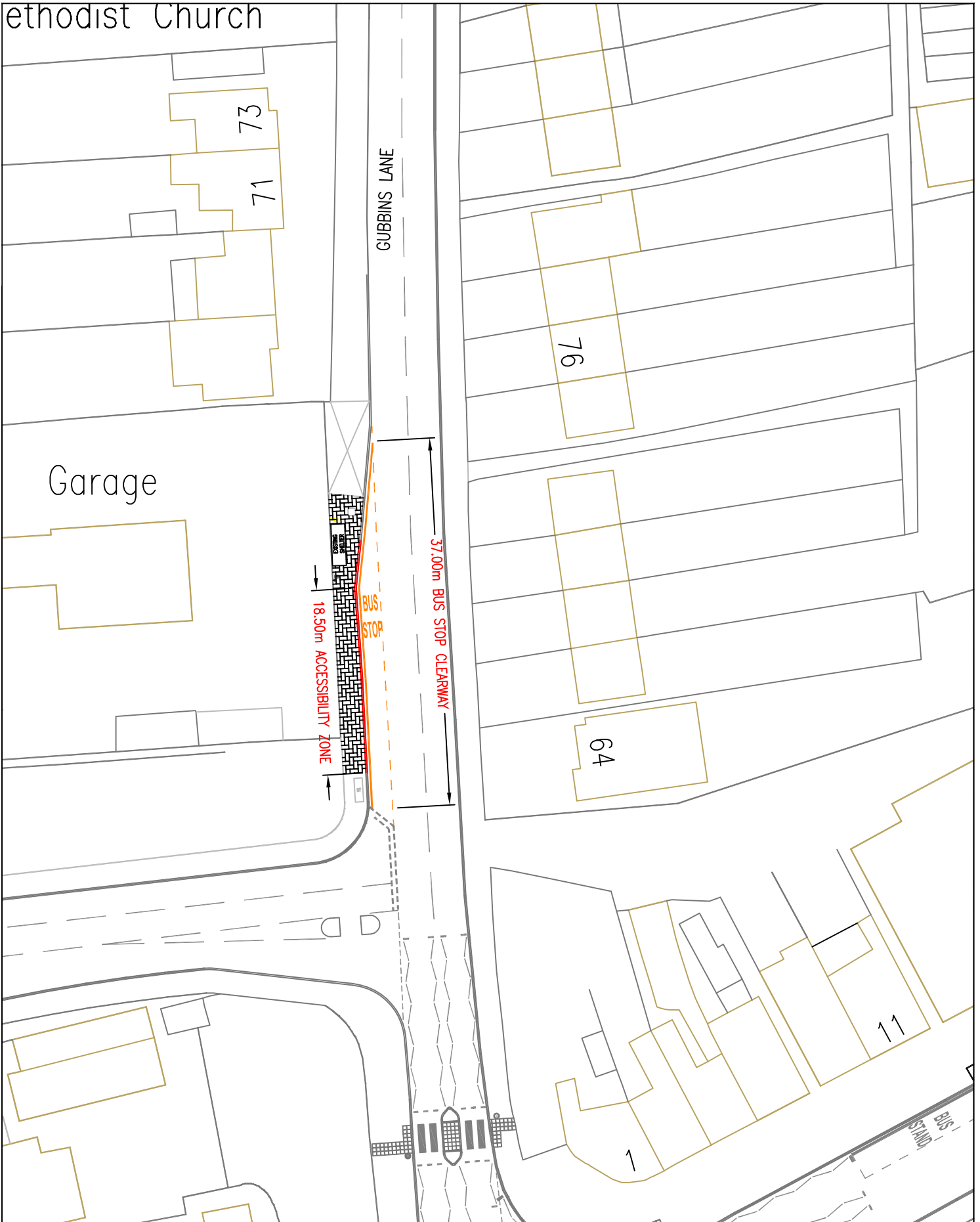
CLEARWAY REDUCED TO 33m
DATE
 22.01.13

©COPYRIGHT
 This drawing belongs to Streetcare Culture & Community, Traffic & Engineering Section. Neither the whole nor any part thereof may be reproduced without prior written permission.
 Based upon Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. London Borough of Havering 100024327

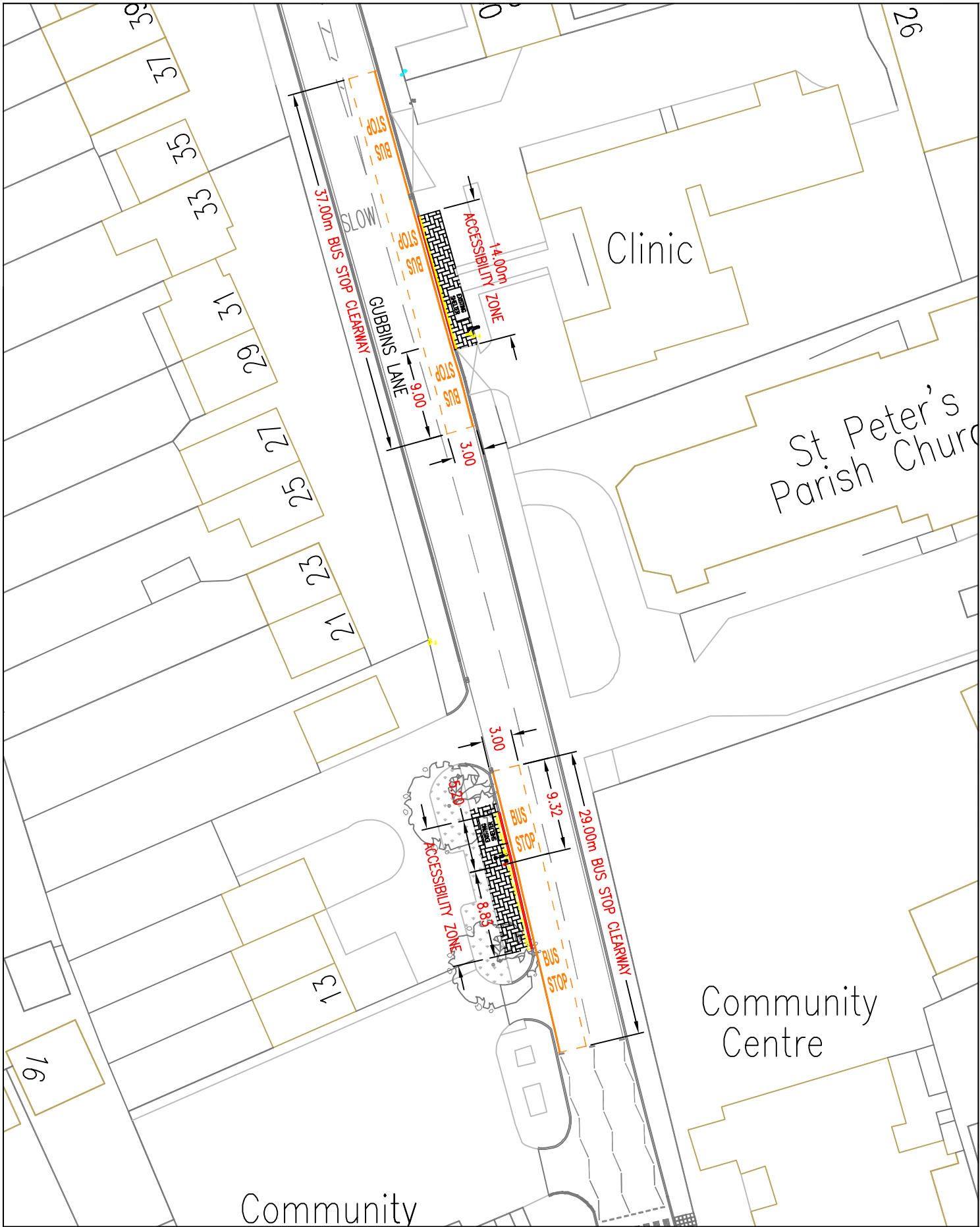


<p>Haevering LONDON BOROUGH STREETCARE CULTURE & COMMUNITY TRAFFIC & ENGINEERING 10th FLOOR MERCURY HOUSE MERCURY GARDENS, ROCHFORD, RM1 3DW TELEPHONE No: 01708 434343 FAX No: 01708 433721 EMAIL: streetcare@haevering.gov.uk</p>		<p>JOB TITLE BUS STOP ACCESSIBILITY NORTH HILL DRIVE</p>	
<p>DRAWING TITLE PROPOSED MEASURES BS27463 & BS27464</p>		<p>DRAWN BY RP</p> <p>CHECKED BY MLP</p> <p>APPROVED BY</p>	
<p>SCALE (AT A4 SIZE) 1:500</p> <p>DATE 10.12.12</p>		<p>DRAFT <input type="checkbox"/></p> <p>ISSUE <input type="checkbox"/></p>	
<p>ACAD REF: Sheet No: 14 (297/210)</p>		<p>DRAWING No Q1020-0F-106&107 A</p>	
<p>PURPOSE</p>		<p>PROPOSAL</p>	
<p>REVISION</p>		<p>AMENDMENT</p>	
<p>DATE</p>		<p>DATE</p>	
<p>COPYRIGHT This drawing belongs to Streetcare Culture & Community, Traffic & Engineering Section. Neither the whole nor any part thereof may be reproduced without prior written permission. Based upon Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. London Borough of Haevering 100024327</p>			

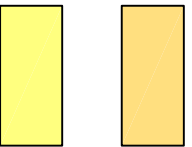
ethodist Church



Havering LONDON BOROUGH STREETCARE - CULTURE & COMMUNITY		10th FLOOR MERCURY HOUSE MERCURY GARDENS ROMFORD, RM1 3DW TELEPHONE No: 01708 434343 FAX No: 01708 433721 E-MAIL: streetcare@havering.gov.uk		PURPOSE PROPOSAL			
JOB TITLE BUS STOP ACCESSIBILITY GUBBINS LANE		©COPYRIGHT This drawing belongs to StreetCare Culture & Community, Traffic & Engineering Section. Neither the whole nor any part thereof may be reproduced without prior written permission.		Based upon Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. London Borough of Havering 100024327			
DRAWING TITLE PROPOSED MEASURES		DRAWN BY RP	CHECKED BY MLP	APPROVED BY			
SCALE (AT A4 SIZE) 1:500	DATE 10.12.12	<input checked="" type="checkbox"/> DRAFT <input checked="" type="checkbox"/> ISSUE	ACAD REF: Sheet Size: A4 (210x297)	DRAWING No QL020-OF-108	REVISION A	REVISION AMENDMENT	DATE

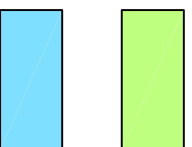


Havering LONDON BOROUGH STREETCARE - CULTURE & COMMUNITY		10th FLOOR MERCURY HOUSE MERCURY GARDENS ROMFORD, RM1 3DW TELEPHONE No: 01708 434343 FAX No: 01708 433721 E-MAIL: streetcare@havering.gov.uk		PURPOSE PROPOSAL		©COPYRIGHT This drawing belongs to StreetCare Culture & Community, Traffic & Engineering Section. Neither the whole nor any part thereof may be reproduced without prior written permission.							
JOB TITLE BUS STOP ACCESSIBILITY GUBBINS LANE		DRAWN BY RP		CHECKED BY MLP		APPROVED BY 							
DRAWING TITLE PROPOSED MEASURES BP3279 & BS20718		ACAD REF: Sheet Size: A4 (210x297)		DRAWING No QLO20-OF-109&110		REVISION A							
SCALE (AT A4 SIZE) 1:500		DATE 10.12.12		<input type="checkbox"/> DRAFT <input checked="" type="checkbox"/> ISSUE		<table border="1"> <thead> <tr> <th>REVISION</th> <th>AMENDMENT</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		REVISION	AMENDMENT	DATE			
REVISION	AMENDMENT	DATE											



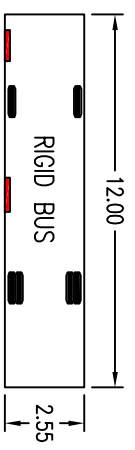
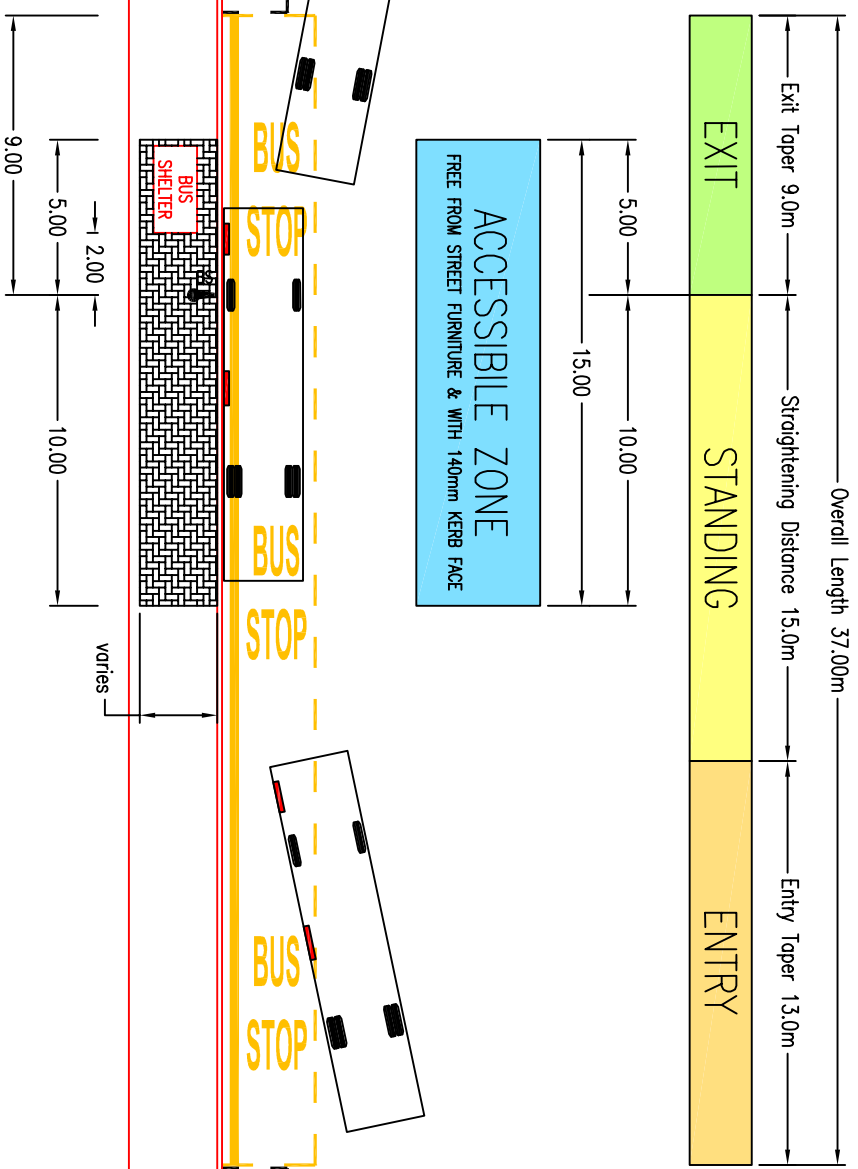
ENTRY ZONE
 ALLOWS BUS TO PULL IN TO WITHIN 200MM OF KERB.
 VEHICLE CROSSOVERS NORMALLY ACCEPTABLE.
 KEEP FURNITURE SUITABLY SET BACK FROM KERB.

STANDING ZONE
 ALLOWS MOST STANDING BUSES TO STOP INCLUDING 10M DOUBLE DECKER & 12M SINGLE DECK.
 CROSSOVERS SHOULD NOT BE PERMITTED. KEEP AREA WITHIN 2M OF KERB FREE OF FURNITURE
 WHERE POSSIBLE TO ALLOW ACCESS TO DOORS OF BUS.



EXIT ZONE
 ALLOWS BUS TO REJOIN TRAFFIC STREAM.
 CROSSOVERS NOT ACCEPTABLE FOR FIRST 3M OF EXIT ZONE.
 FURNITURE SHOULD BE ADEQUATELY SET BACK FROM KERB.

ACCESSIBLE ZONE
 KERB FACE TO BE 130-150MM.
 LENGTH ALLOWS TRANSITION FROM LOW KERB EITHER SIDE.
 CROSSOVER SHOULD NOT BE PERMITTED.



- NOTES:
- LAYOUTS DETERMINED FROM STEERING GEOMETRY OF BUSES TO ALLOW THEM TO PULL INTO THE KERB WITHIN 200mm, WITHOUT FRONT AND REAR OF BUS OVERHANGING FOOTWAY WHICH COULD POSE A SAFETY ISSUE.
 - THIS IS THE IDEAL LAYOUT AND MAY VARY WITH THE USE OF FOOTWAY BUILD-OUTS (BUS BORDERS) OR OTHER SITUATIONS SUCH AS THE EXIT TO A PEDESTRIAN CROSSING.
 - ANY LAYOUT WHICH DOES NOT CONFORM TO THE IDEAL STANDARD REQUIRES CONSULTATION WITH STREETCARE TRAFFIC & ENGINEERING SECTION.

<p>Haverling LONDON BOROUGH STREETCARE CULTURE & COMMUNITY TRAFFIC & ENGINEERING 10th FLOOR MERCURY HOUSE MERCURY GARDENS, ROWEBRD, RM1 3DW TELEPHONE No: 01708 434343 FAX No: 01708 433721 E-MAIL: streetcare@haverling.gov.uk</p>		JOB TITLE HAVERING STREET DESIGN GUIDE PART 6 – STANDARD DETAILS		DRAWN BY RP		CHECKED BY MLP		APPROVED BY MLP		PURPOSE INFORMATION	
DRAWING TITLE BUS STOP ACCESSIBILITY DETAIL LAYOUT 1		SCALE (AT A4 SIZE) N.T.S.		DATE MAY 10		DRAFT ISSUE		REVISION A		DRAWING UPDATE DATE FEB 04	
ACAD REF: <i>Rev 2 - Standard Detail</i>		DRAWING No QB109/00/01		REVISION B		AMENDMENT		AMENDMENT		©COPYRIGHT This drawing belongs to Streetcare Culture & Community, Traffic & Engineering Section. Neither the whole nor any part thereof may be reproduced without prior written permission. Based upon Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. London Borough of Haverling 100024327	