

DRG. No. **FIGURE 1** REVISION REF.

NOTE:
 DENOTES DIRECTION OF TRAVEL AND TOTAL PEDESTRIAN NUMBERS

PEDESTRIAN SURVEY CARRIED OUT ON THURSDAY 9TH OCTOBER 2014 :
 07.00 – 10.00 AM
 12.00 – 14.00 PM
 15.00 – 18.00 PM

ISSUE	AMENDMENTS	DRAWN	CHECK	DATE
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CLIENT



PROJECT
TRAFFIC MANAGEMENT AND ACCIDENT REDUCTION (LIP 2015/15)

TITLE
**WYKEHAM ROAD
 PEDESTRIAN SURVEY ANALYSIS**

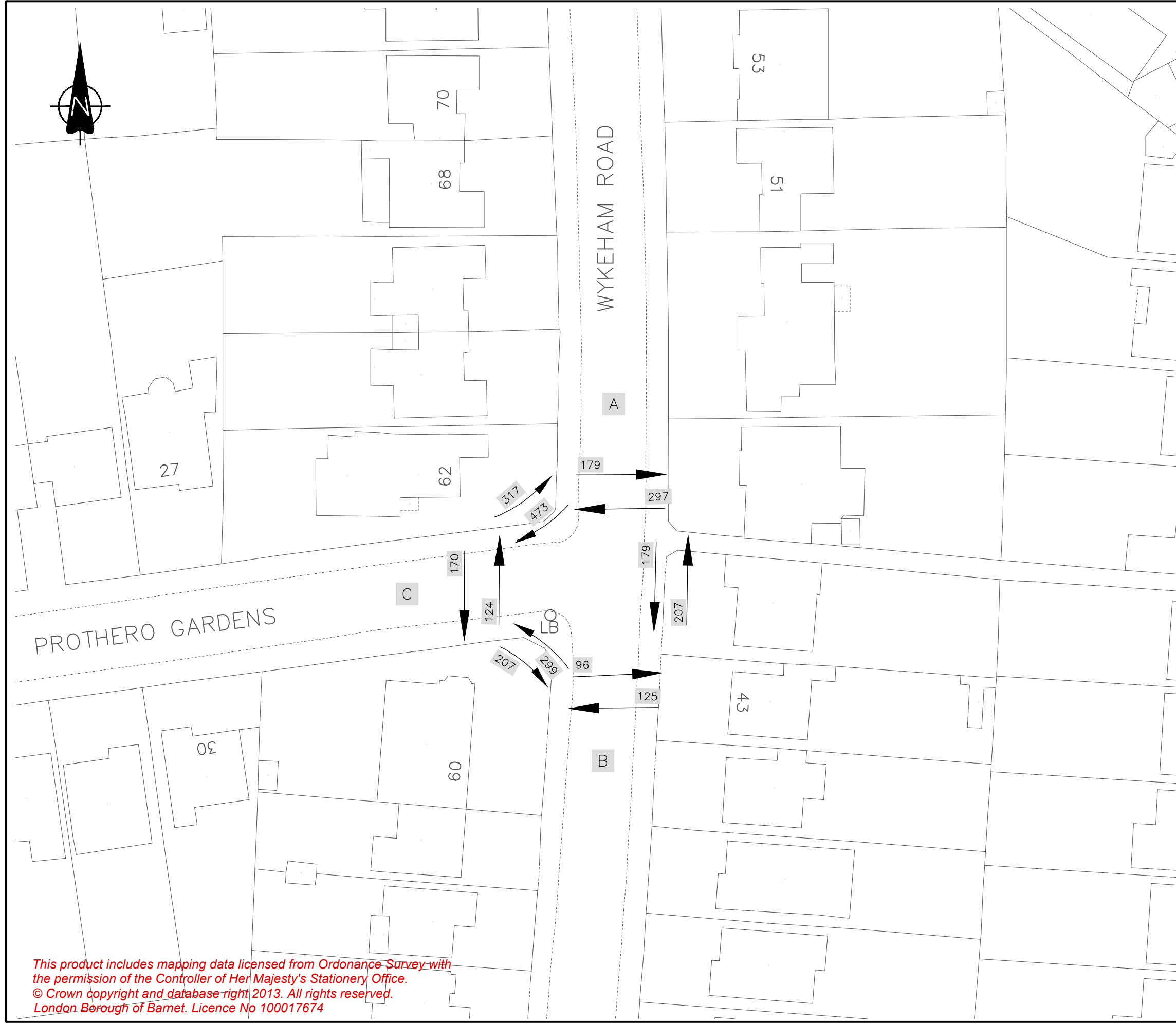
PURPOSE
INFORMATION



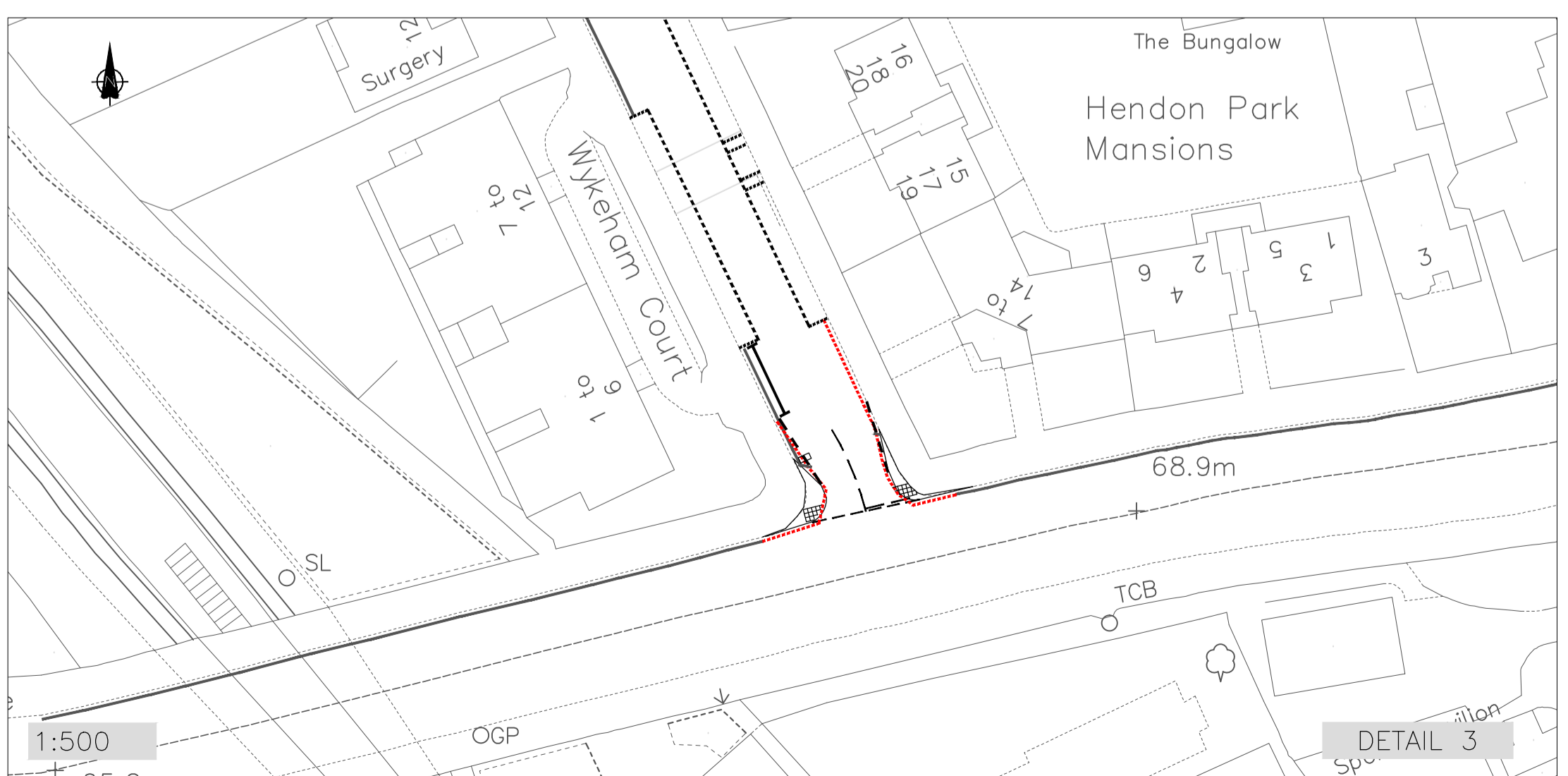
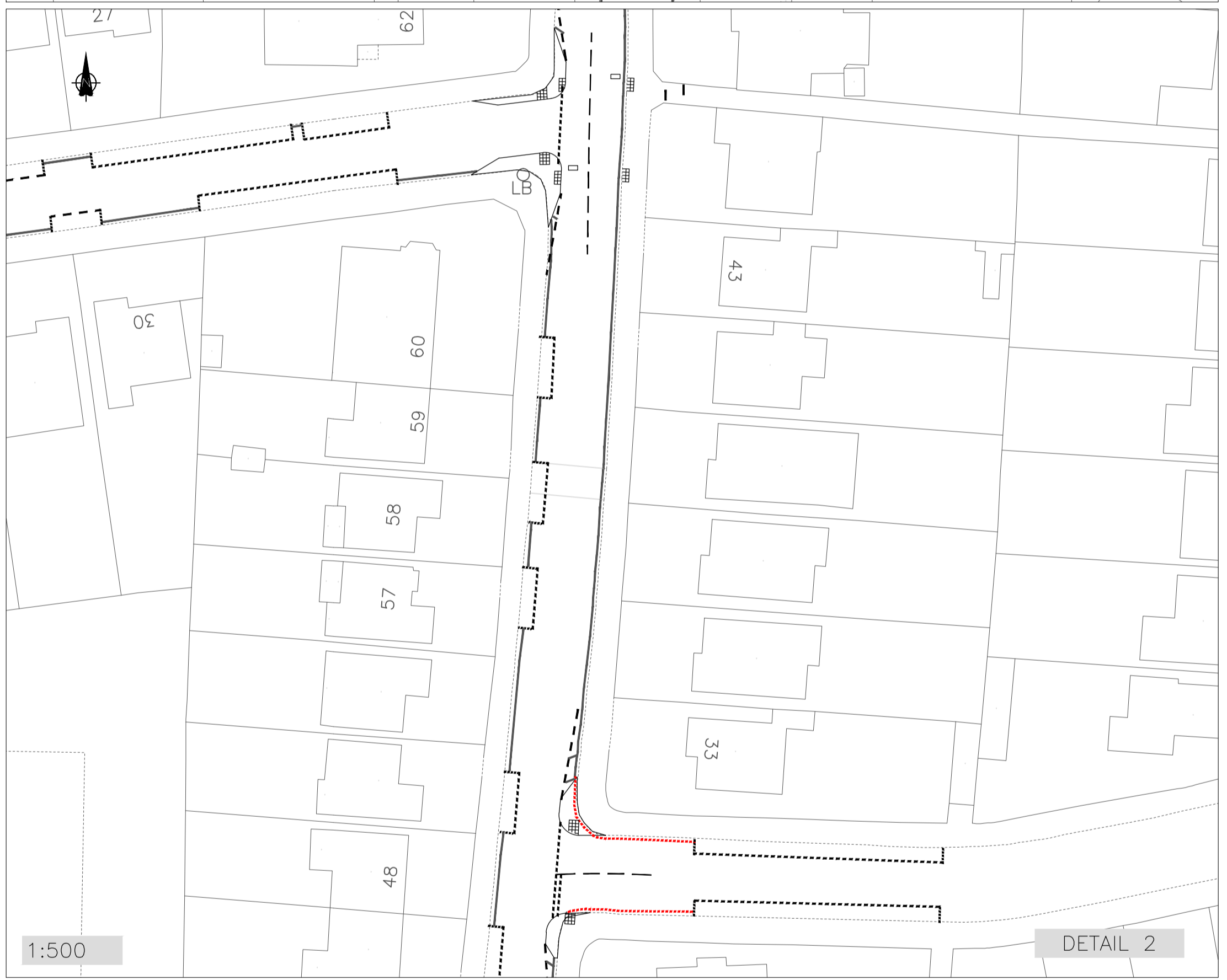
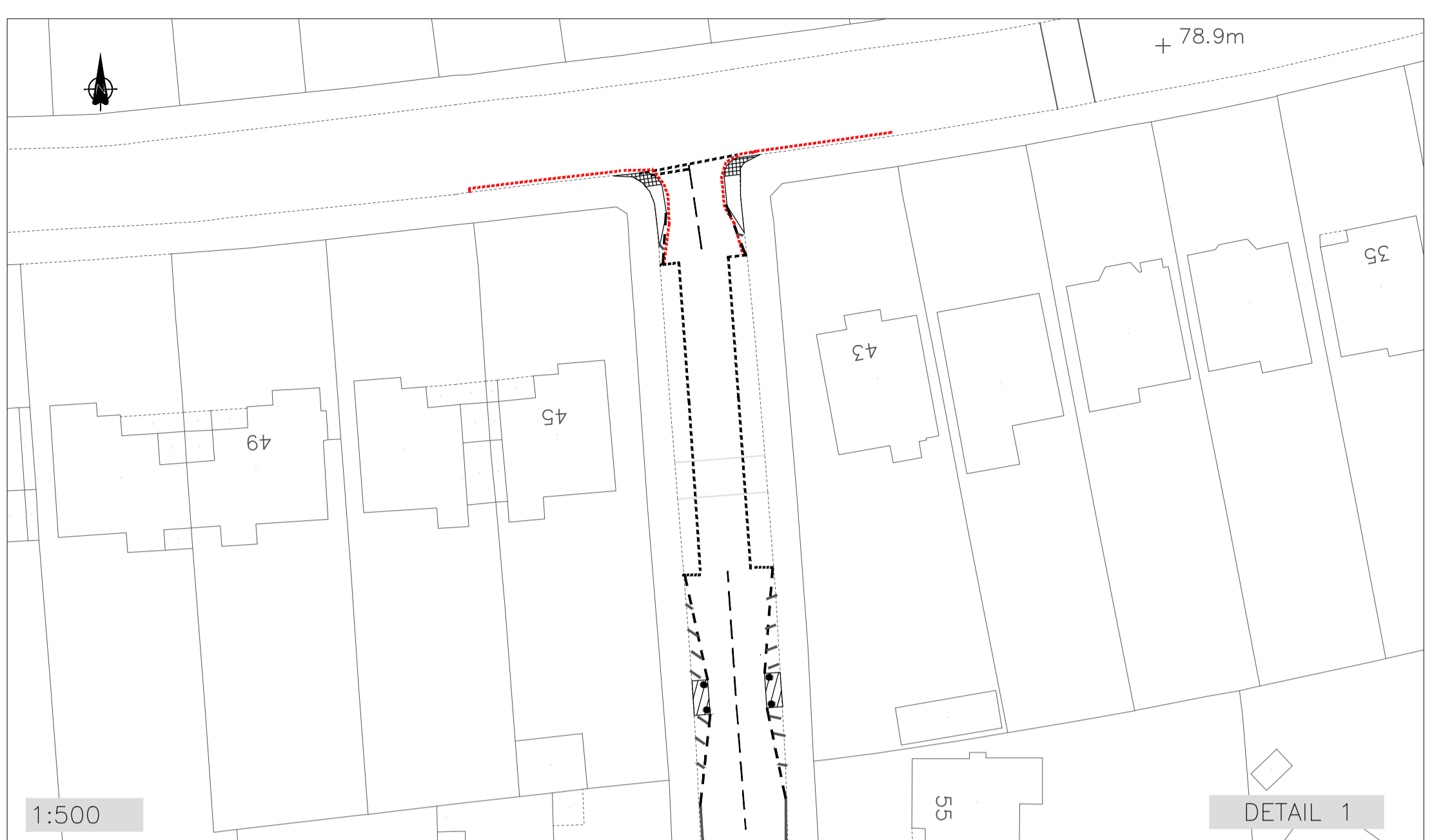
Property and Infrastructure
 St Davids House, Pascal Close, St Mellons, Cardiff, CF3 0LW
 T: 02920 803500 w: www.capita.co.uk/infrastructure
 Capita Property and Infrastructure Ltd.

DRAWN HK	DATE NOV 2014	SCALE 1:500
CHECKED PJJ	DATE NOV 2014	PROJECT No. CS/75844

DRG. No. **FIGURE 1** REVISION REF.



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DRG. No. CS/75844/06/01 REVISION REF. A

- KEY:
- DENOTES EXTENT OF PROPOSED ONE WAY SYSTEM, LIT TERMINAL ONE WAY SIGNS AND NO ENTRY SIGNS AND REPEATER SIGNS TO BE PROVIDED
 - EXTENT OF NEW DYL
 - APPROXIMATE EXTENT OF EXISTING WAITING RESTRICTIONS
 - APPROXIMATE EXTENT OF EXISTING PARKING BAYS

NOTE:
ALL FEATURES ARE SHOWN AS INDICATIVE LOCATIONS AND WILL BE SUBJECT TO DETAILED DESIGN

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HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

NOTE:
IT IS ASSUMED THAT THE WORKS WILL BE UNDERTAKEN BY A COMPETENT CONTRACTOR, WHO IS AWARE OF ALL GENERIC RISKS ASSOCIATED WITH THE WORKS. LISTED BELOW ARE "SIGNIFICANT" RISKS RELATING TO THE WORKS.

If no significant risks have been identified, delete this text and enter 'NONE IDENTIFIED' here.

A	AMENDMENTS FOLLOWING ROAD SAFETY AUDIT	HK	PJG OCT 2014
ISSUE	AMENDMENTS	DRAWN	CHECKED DATE



PROJECT
TRAFFIC MANAGEMENT AND ACCIDENT REDUCTION (LIP 2014/15)

TITLE
WYKEHAM ROAD PRELIMINARY DESIGN OPTION 1

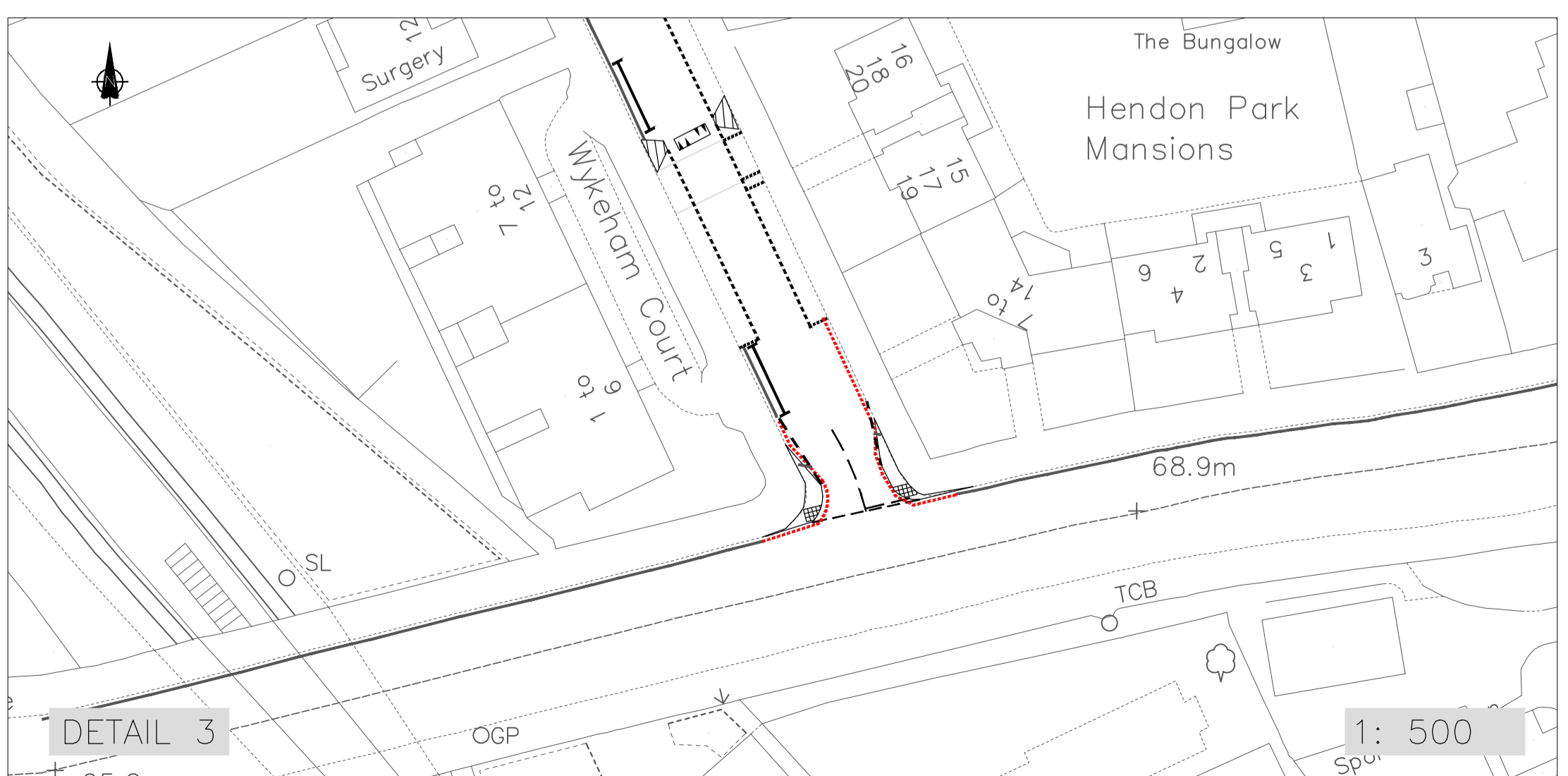
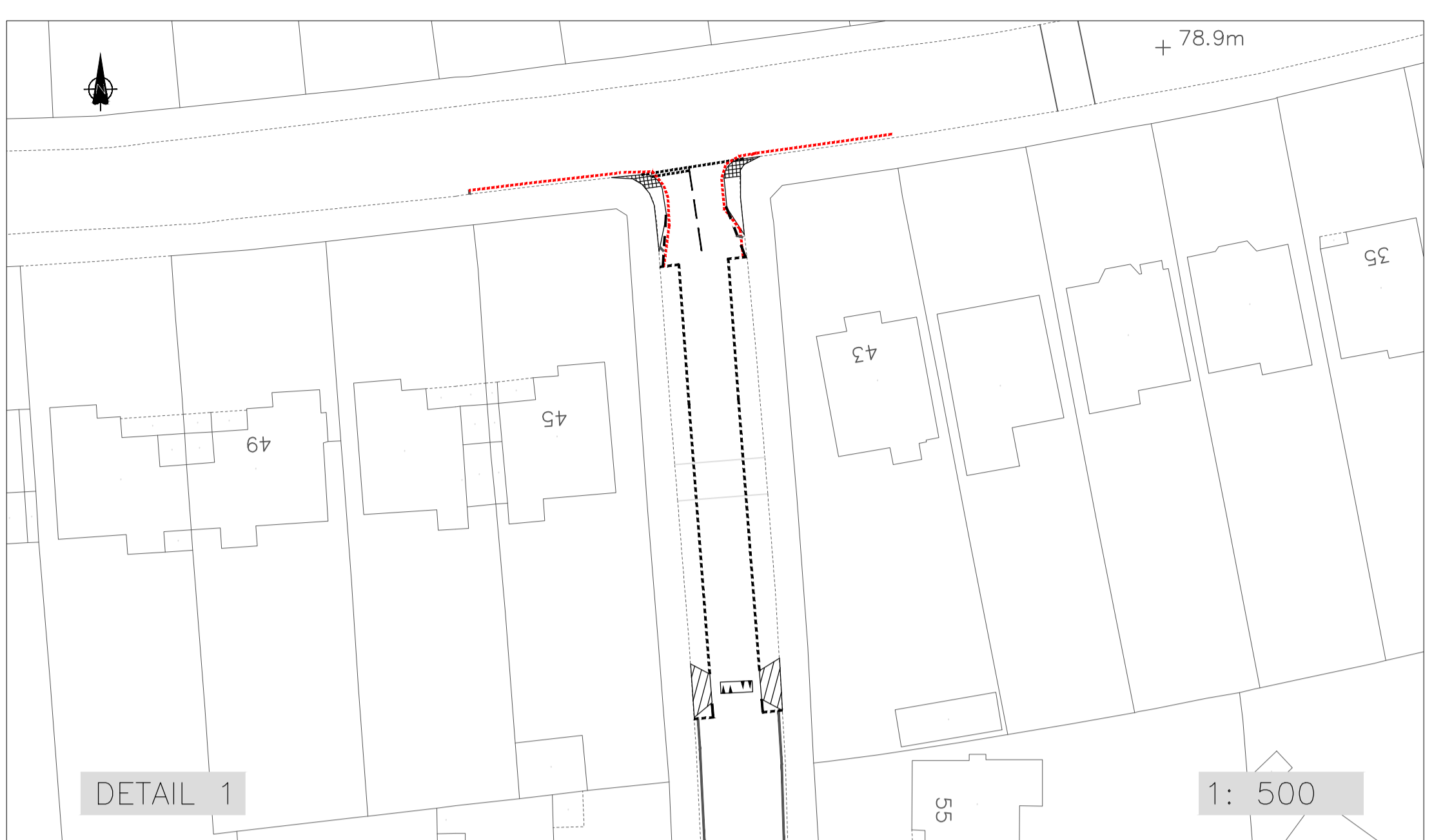
PURPOSE
INFORMATION

CAPITA
Property and Infrastructure

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DRAWN	HK	DATE	SEPT 2014	SCALE	AS SHOWN
CHECKED	PJG	DATE	SEPT 2014	PROJECT No.	CS/75844
DRG. No.	CS/75844/06/01			REVISION REF.	A

FILE: P:\Schemes_CS\cs075844\3 Wykeham Road\CAD\Design\Outline Design\Option 1A.dwg



DRG. No. CS/75844/06/02 REVISION REF. A

- KEY:
- EXTENT OF NEW DYL
 - APPROXIMATE EXTENT OF WAITING RESTRICTIONS
 - APPROXIMATE EXTENT OF PARKING BAYS

NOTE:
ALL FEATURES ARE SHOWN AS INDICATIVE LOCATIONS AND WILL BE SUBJECT TO DETAILED DESIGN

HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

NOTE:
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If no significant risks have been identified, delete this text and enter 'NONE IDENTIFIED' here.

A	AMENDMENTS FOLLOWING ROAD SAFETY AUDIT	HK	PJG
ISSUE	AMENDMENTS	DRAWN	CHECKED
CLIENT			



PROJECT
TRAFFIC MANAGEMENT AND ACCIDENT REDUCTION (LIP 2014/15)

TITLE
WYKEHAM ROAD PRELIMINARY DESIGN OPTION 2

PURPOSE
INFORMATION

CAPITA
Property and Infrastructure

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Capita Property and Infrastructure Ltd.

DRAWN	HK	DATE	SEPT 2014	SCALE	AS SHOWN
CHECKED	PJG	DATE	SEPT 2014	PROJECT No.	CS/75844
DRG. No.	CS/75844/06/02			REVISION REF.	A


- KEY:
- DENOTES EXTENT OF PROPOSED PART TIME 20 LIMIT OPERATING DURING SCHOOL TIMES WITH 2 NO DUAL ACTIVATED VEHICLE ACTIVATED SIGNS LOCATED AT THE START OF THE LIMIT
 - EXTENT OF NEW DYL
 - APPROXIMATE EXTENT OF WAITING RESTRICTIONS
 - APPROXIMATE EXTENT OF PARKING BAYS

NOTE:
ALL FEATURES ARE SHOWN AS INDICATIVE LOCATIONS AND WILL BE SUBJECT TO DETAILED DESIGN

HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

NOTE:
IT IS ASSUMED THAT THE WORKS WILL BE UNDERTAKEN BY A COMPETENT CONTRACTOR, WHO IS AWARE OF ALL GENERIC RISKS ASSOCIATED WITH THE WORKS. LISTED BELOW ARE 'SIGNIFICANT' RISKS RELATING TO THE WORKS.

If no significant risks have been identified, delete this text and enter 'NONE IDENTIFIED' here.

A	AMENDMENTS FOLLOWING ROAD SAFETY AUDIT	HK	PJG OCT 2014
ISSUE	AMENDMENTS	DRAWN	CHECKED DATE
CLIENT			

PROJECT
TRAFFIC MANAGEMENT AND ACCIDENT REDUCTION SCHEMES (LIP 2014/15)

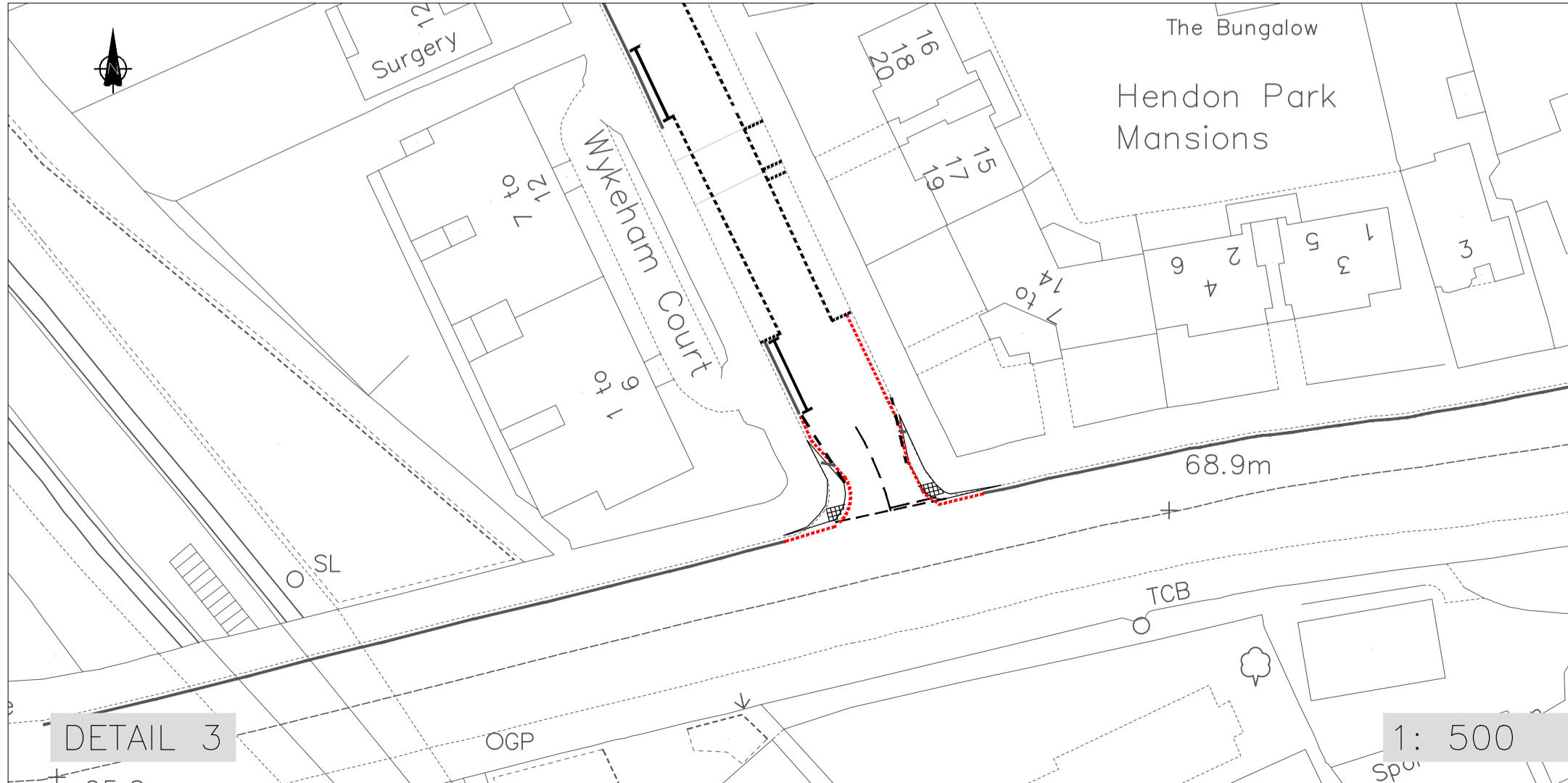
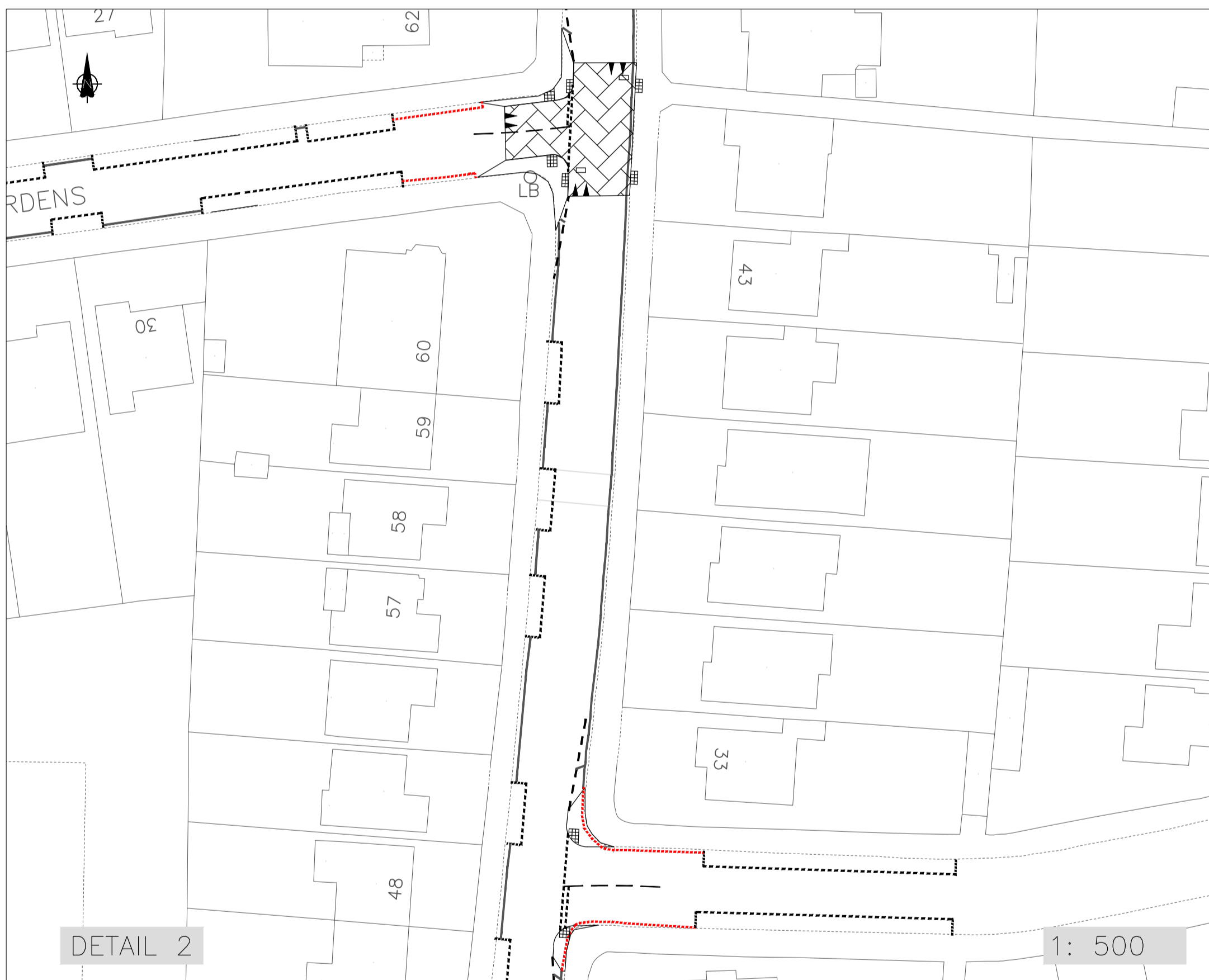
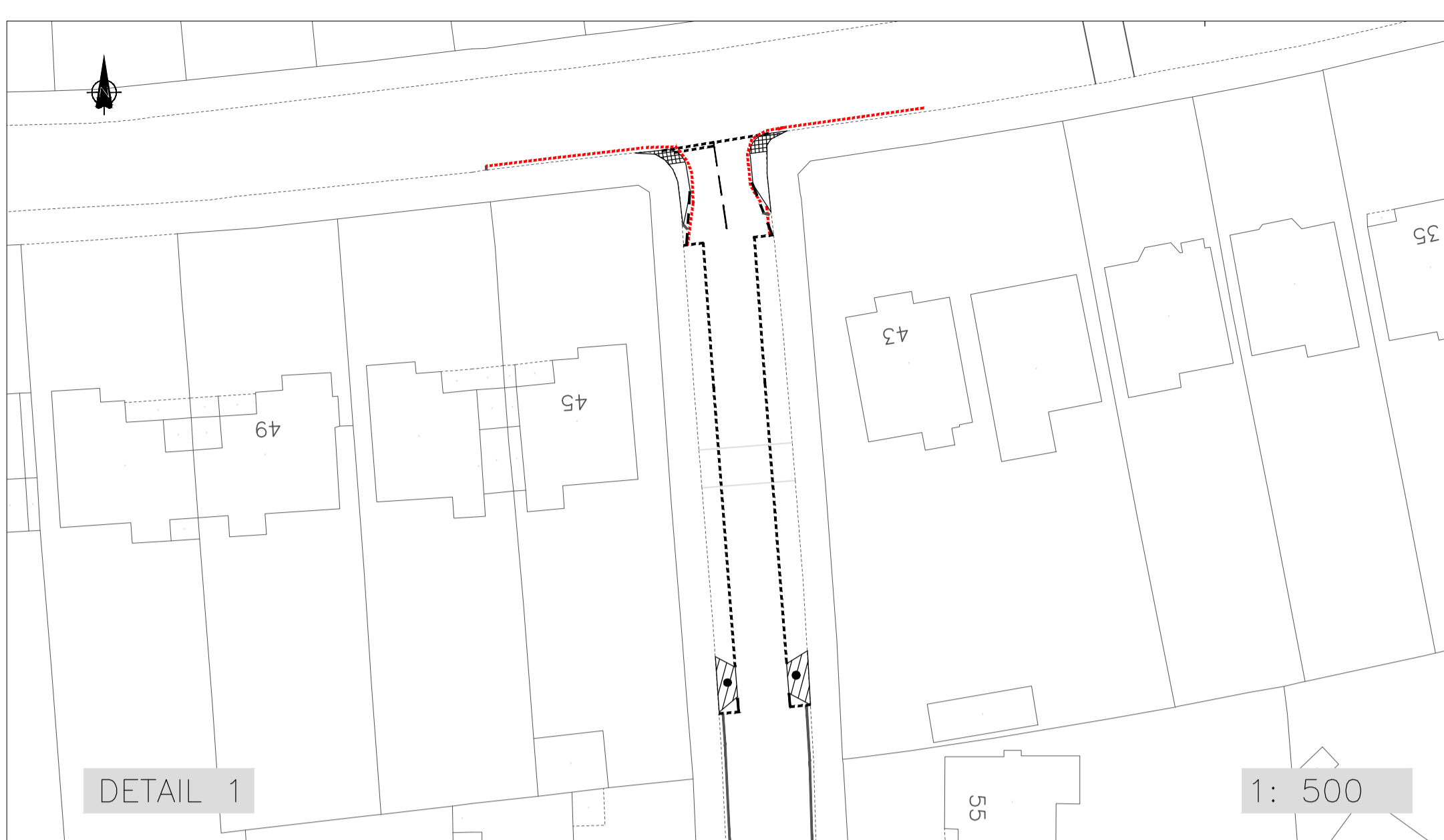
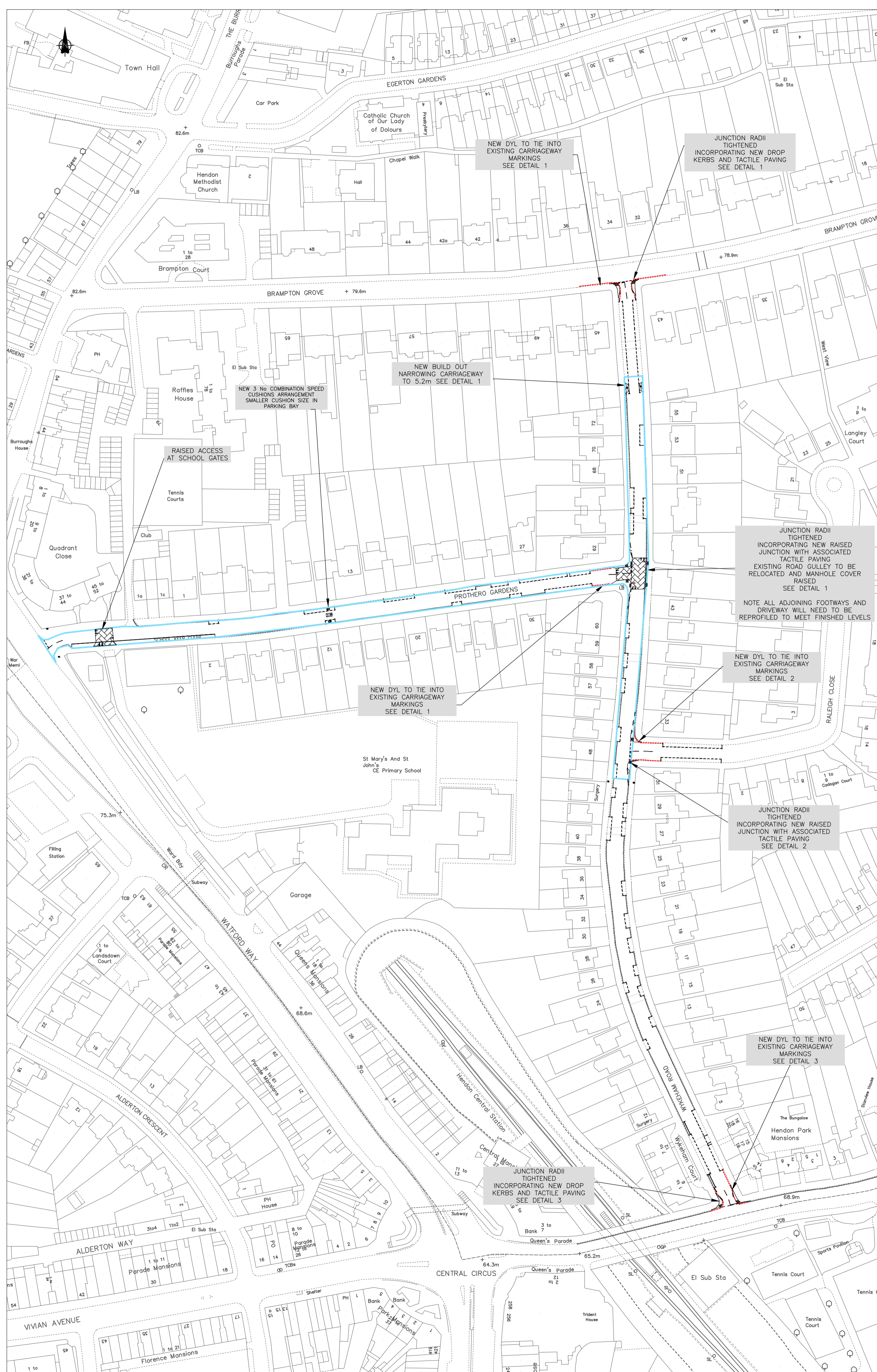
TITLE
WYKEHAM ROAD, BARNET OPTION 3

PURPOSE
INFORMATION

CAPITA
Property and Infrastructure

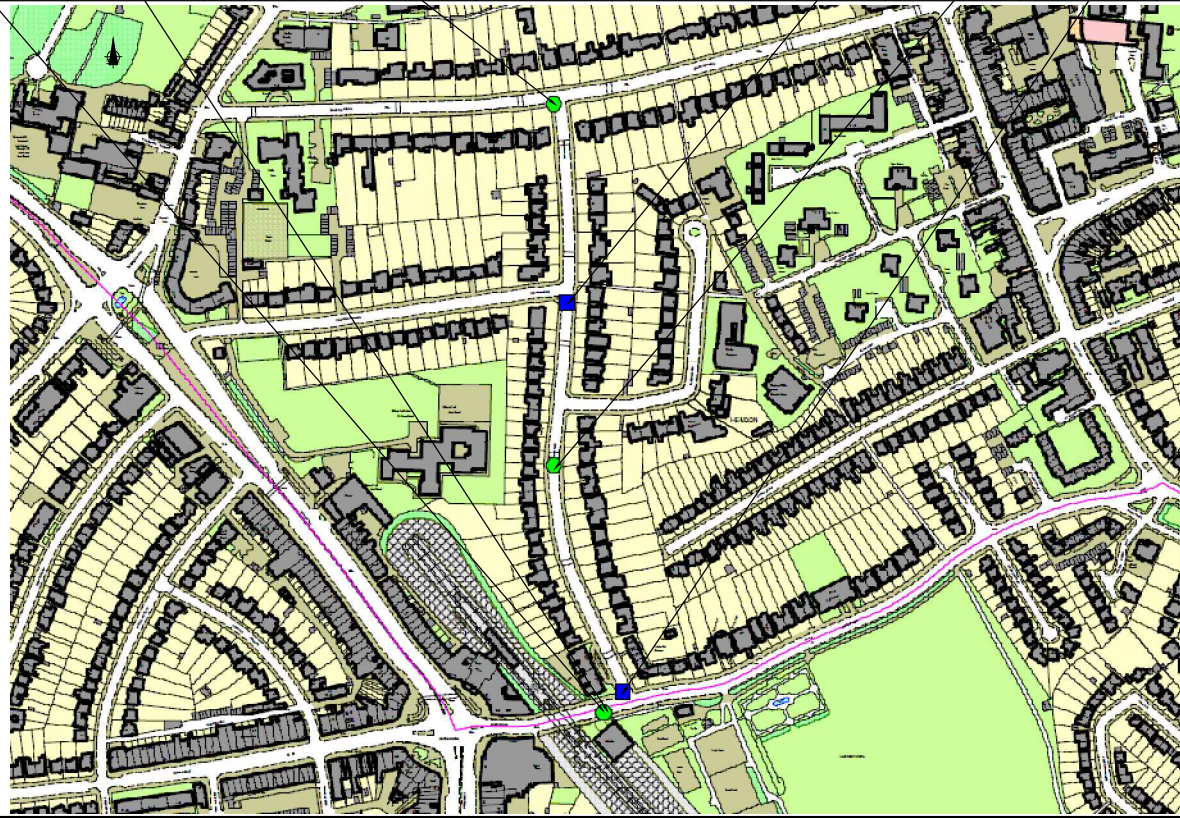
St Davids House, Pascal Close, St Mellons, Cardiff, CF3 0LW
T: 02920 803500 www.capita.co.uk/infrastructure
Capita Property and Infrastructure Ltd.

DRAWN	HK	DATE	SEPT 2014	SCALE	AS SHOWN
CHECKED	PJG	DATE	SEPT 2014	PROJECT No.	CS/75844
DRG. No.	CS/75844/06/03			REVISION REF.	A



MANOEUVRES For other details see below C = Car G = Goods MC = Motor Cycle PC = Pedal Cycle PSV = Bus or Coach									
SEVERITY	SL	SL	SL	SL	SL	SE	SL	SE	SE
BDV REF. NO.	0113SX20951	0112SX20866		0112SX20027		0113SX20324	0113SX21027	0113SX20336	
DARKNESS / TIME	17:10	10:071		08:45		15:52	14:10	17:30	
DAY OF WEEK	FRI	THURS		THURS		MON	WED	FRI	
DATE	08/11/13	04/10/12		12/01/12		29/04/13	27/11/13	26/04/13	
WEATHER CONDITIONS	F	F		F		F	F	F	
RD. SURFACE CONDITIONS	W	D		D		D	D	D	
ADDITIONAL INFORMATION		DRIVER OPENED CAR DOOR							

- VEHICLES**
- Before
 - After
 - Starting
 - Stopping
 - Skid
 - Overtaking
 - Reversing
 - Loss of Control
 - Parked
 - Halted (with intended direction)
- PEDESTRIANS**
- Adult Pedestrian
 - Child Pedestrian
 - Street Furniture
 - Dog Other Animal
 - Driver - Alcohol
- WEATHER CONDITIONS**
- Rain R Fine F
 - Snow S Fog / Mist M
 - High Wind HW
- ROAD SURFACE CONDITIONS**
- Wet W Dry D
 - Icy I Snow S



		SP	PG	JAN 14
ISSUE	AMENDMENTS	DRAWN	CHK'D	DATE
WYKEHAM ROAD BARNET				
ACCIDENTS BETWEEN 01/05/2009 AND 30/04/2014				
CAPITA SYMONDS <small>25 South Street, Barnet, London, UK</small>				
DRAWN	S. M. PRICE			
CHECKED	P. J. GASSTON			
DRG. No.	FIGURE 1			REVISION REF.

TRAFFIC MANAGEMENT AND ACCIDENT REDUCTION SCHEMES
(LIP 2014/15)

Wykeham Road Option 1

Item		Unit	Rate	Qty		Cost
Gen Site Clearance						
General removal		sqm	0.67	10		6.70
Remove gully and grating / cover		no	7.16	4		28.64
Traffic Signs						
New Lit One Way Signs		no	220.94	2		441.88
New 76mm LB Posts		no	175.28	2		350.56
New Lit No Entry Signs		no	220.94	2		441.88
New 76mm LB Posts		no	175.28	2		350.56
New VAS signs for 30 limit and		no	2500.00	1		2500.00
Staggered junction						
Installation of VAS signs		no	2500.00	1		2500.00
New non lit One Way Repeater signs		no	35.46	4		141.84
New Temporary signs		no	79.23	4		316.92
New non lit bollards marker posts		no	44.2	24		1060.80
Electrical Works						
Trench for cable in footway		m	59.41	35		2079.35
Trench for cable (hard dig)		m	130.7	30		3921.00
Cable		m	3.85	35		134.75
Cut Outs		no	57.79	6		346.74
Feeder Pillars		no	195.02	4		780.08
Carriageway Marking Works						
Existing carriageway Markings		sqm	37.67	10		376.70
to be removed						
New give way markings		m	1.23	20		24.60
New No Entry markings		no	10.16	7		71.12
Kerbing Works						
Take up existing kerbs and dispose		m	10	60		600.00
New kerbs		m	21.28	60		1276.80
New transition kerbs		m	33.19	20		663.80
New drop kerbs		m	29.26	20		585.20
Tactile Paving (Buff)		sqm	25.89	20		517.8
Footway surfacing		sqm	36.40	30		1092.00
Speed Cushions						
Supply and Install 3m x 1.7m x 75mm		no	3	2000.00		6000.00
Black in colour, with warning triangles						
Drainage						
New Drainage		sqm	40.42	20		808.40
Gulley and Frame		no	420.75	8		3366.04
Raise existing manhole		no	205.02	2		410.04

TRAFFIC MANAGEMENT AND ACCIDENT REDUCTION SCHEMES
(LIP 2014/15)

Fencing						
New Pedestrian Gaurdrail		m	43.65	4		174.60
Traffic Management						
2 Way lights		day	99.71	10		997.10
3 Way lights		day	116.9	5		584.50
Sub total						32365.90
Contingencies 10%						3236.00
Cost Estimate						35601.90

TRAFFIC MANAGEMENT AND ACCIDENT REDUCTION SCHEMES
(LIP 2014/15)

Wykeham Road Option 2

Item		Unit	Rate	Qty		Cost
Gen Site Clearance						
General Site Clearance		sqm	0.67	10		6.70
Remove gully and grating / cover		no	7.16	4		28.64
Traffic Signs						
New Road hump Signs		no	49.23	3		147.69
New 76mm post		no	137.65	3		412.95
New non lit bollards marker posts		no	44.2	24		1060.80
Carriageway Marking Works						
Existing carriageway Markings to be removed		sqm	37.67	10		376.70
New give way markings		m	1.23	10		12.30
New Double yellow lines		m	1.14	10		11.40
Kerbing Works						
Take up existing kerbs and dispose		m	10	170		1700.00
New kerbs		m	21.28	170		3617.60
New transition kerbs		m	33.19	10		331.90
New drop kerbs		m	29.26	20		585.20
Tactile Paving (Buff)		sqm	25.89	16		414.24
Footway surfacing		sqm	36.40	150		5460.00
Raised Table		sqm	45.00	300		13500.00
Supply and Install Transcalm Humps		no	3500.00	4		14000.00
Speed Cushions						
Supply and Install 3m x 1.7m x 75mm Black in colour, with warning triangles		no	3	2000.00		6000.00
Drainage						
New Drainage		sqm	40.42	20		808.40
Gulley and Frame		no	420.75	8		3366.04
Raise existing manhole		no	205.02	2		410.04
Fencing						
New Pedestrian Gaurdrail		m	43.65	4		174.60
Traffic Management						
2 Way lights		day	99.71	10		997.10
3 Way lights		day	116.9	5		584.50
Sub total						53422.30
Contingencies 10%						5342.23
Cost Estimate						58764.53

TRAFFIC MANAGEMENT AND ACCIDENT REDUCTION SCHEMES
(LIP 2014/15)

Wykeham Road Option 3

Item		Unit	Rate	Qty		Cost
Gen Site Clearance						
Removal of foilage		sqm	0.67	10		6.70
Remove gully and grating / cover		no	7.16	4		28.64
Traffic Signs						
New Road hump Signs		no	49.23	3		147.69
New 76mm post		no	137.65	3		412.95
New VAS signs for 20 limit and school warning sign		no	2500.00	3		7500.00
Installation of VAS signs		no	2500.00	3		7500.00
Electrical Works						
Trench for cable in footway		m	59.41	35		2079.35
Trench for cable (hard dig)		m	130.7	30		3921.00
Cable		m	3.85	35		134.75
Cut Outs		no	57.79	6		346.74
Feeder Pillars		no	195.02	4		780.08
Carriageway Marking Works						
Existing carriageway Markings to be removed		sqm	37.67	10		376.70
New give way markings		m	1.23	10		12.30
New Double yellow lines		m	1.14	10		11.40
Kerbing Works						
Take up existing kerbs and dispose		m	10	170		1700.00
New kerbs		m	21.28	170		3617.60
New transition kerbs		m	33.19	10		331.90
New drop kerbs		m	29.26	20		585.20
Tactile Paving (Buff)		sqm	25.89	16		414.24
Footway surfacing		sqm	36.40	100		3640.00
Raised Table		sqm	45.00	100		4500.00
Supply and Install Transcalm Humps		no	3500.00	1		3500.00
Speed Cushions						
Supply and Install 3m x 1.7m x 75mm Black in colour, with warning triangles		no	3	2000.00		6000.00
Drainage						
New Drainage		sqm	40.42	20		808.40
Gulley and Frame		no	420.75	8		3366.04
Raise existing manhole		no	205.02	2		410.04
Fencing						

TRAFFIC MANAGEMENT AND ACCIDENT REDUCTION SCHEMES
(LIP 2014/15)

New Pedestrian Gaurdrail		m	43.65	4		174.60
Traffic Management						
2 Way lights		day	99.71	10		997.10
3 Way lights		day	116.9	5		584.50
Sub total						53303.42
Contingencies 10%						5330.00
Cost Estimate						58633.42