

**LEGEND**

Existing road marking	Proposed build-out / island	BB	Proposed bellisha beacon	Proposed traffic signal
Existing kerb	Proposed shared use footway	W	Proposed wand	Proposed traffic signals equipment
SP	Proposed raised table	TM	Proposed ticket machine	Existing potentially affected
LC	Proposed footway loading / parking	Proposed bench	Proposed bus shelter	Kerb / tactile to be removed
Proposed road marking - white	Proposed overrun	Proposed ramp	Proposed bus stop	Stats affected
Proposed road marking - yellow	Proposed contrast coloured surface	Proposed tactile paving - buff	Proposed bus stop flag	TLRN Boundary
Proposed road marking - red	Proposed footway level cycle track	Proposed tactile paving - grey	Proposed bollard	
Proposed double blip	Proposed stepped cycle track	Proposed tactile paving - red		
Proposed single blip	Proposed sign and post	Proposed grass area		
Proposed cycle logo	Proposed lamp column (TBC)	Proposed litter bin		
Proposed dropped kerb	Proposed gully	Potential new tree		
Proposed transition kerb	Proposed cycle stand	Proposed CCTV		
Proposed kerb	Proposed bus stop flag	Proposed Legible London Toter		
Proposed delineator kerb				

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  - All lining and signing to be in accordance with the current Traffic Signs Regulations and General Directions (TSRGD).
  - All dimensions in metres, unless otherwise stated.
  - All signs to be mounted on existing lighting columns / sign posts where possible (subject to structural assessment).
  - Signs on footway to be mounted at a height to ensure a minimum vertical clearance of 2.3m to bottom of sign where cycling is permitted on the footway, elsewhere to 2.1m.
  - All signs to have a minimum horizontal clearance of 450mm from face of carriageway kerb or 250mm from face of cycle track kerb.
  - All signal heads to be mounted at a height to ensure minimum vertical clearance of 2.3m to bottom of signal head where cycling is permitted on the footway.
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  - Recessed covers to be considered for inspection chambers within areas of tactile paving.
  - Assess carriageway condition at detailed design stage.
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  - Drawing is based on topographical survey carried out by third parties.
  - All retained gullies in cycle track to be converted to 'cycle friendly'.
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  - All ramp lengths to be dictated by existing/proposed kerb heights.
  - All kerbs within cycle track are to be played (45°) where cycle track is at carriageway level.
  - All entry treatments to be 100mm high, gradient of ramp 1:10 max. Crossing area to be flush with carriageway.

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**DRAINAGE INVESTIGATION AND DESIGN IS TO BE UNDERTAKEN AT DETAILED DESIGN STAGE.**

**TRAFFIC SIGNAL LOCATIONS ARE INDICATIVE. PLEASE REFER TO TRAFFIC SIGNALS DRAWINGS.**

**THE TOPOGRAPHICAL SURVEYS WERE DONE AT CONCEPT DESIGN STAGE. CHANGES MIGHT HAVE OCCURRED AND THEREFORE CHECKS SHOULD BE CARRIED OUT BEFORE DETAILED DESIGN COMMENCES.**

POS	date	details	dm	chk	app
P08	25.01.19	Concept Design package	JF	JA	KCL
P07	22.06.18	Issued for VISSIM Modelling	JF	JA	KCL
P06	10.08.17	Issued following updated waiting restrictions	JF	AO	KCL
P05	18.07.17	Issued following comments from boroughs	JF	AO	KCL
P04	07.07.17	Issued for VISSIM Modelling	JF	AO	KCL

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P02.1	16.05.17	Ahead only arrow amended	JF	AO	KCL
P02	17.03.17	Issued for VISSIM Modelling	JF	AO	KCL
P01	14.02.17	Issued for ITAG review	JF	AO	KCL

Transport for London  
**Surface Transport**

**Road Space Management**  
Outcomes Design Engineering

Palestra  
197 Blackfriars Road  
London SE1 1NU

date: FEB 17 scale: 1:200 @ A1 dm: JF chk: AO app: KCL sheet no: 0057 OF 0075  
substation: D3 FOR CONTRACTOR DESIGN revision: P08  
drawing No: PJ549C-RSM-PRD-11-DR-TE-25-57-0057  
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**LEGEND**

Existing road marking	Proposed build-out / island	BB	Proposed bellisha beacon	Proposed traffic signal
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Existing sign and post	Proposed raised table	TM	Proposed ticket machine	Road markings to be removed
Existing lamp column	Proposed footway loading / parking		Proposed bus shelter	Existing potentially affected
Proposed road marking - white	Proposed overrun		Proposed bench	Gully to be removed
Proposed road marking - yellow	Proposed contrast coloured surface		Proposed ramp	Street furniture to be removed
Proposed road marking - red	Proposed footway level cycle track		Proposed tactile paving - buff	Stats affected
Proposed double blip	Proposed stepped cycle track		Proposed tactile paving - grey	TLRN Boundary
Proposed single blip	Proposed sign and post	SP	Proposed tactile paving - red	
Proposed cycle logo	Proposed lamp column (TBC)	LC	Proposed grass area	
Proposed dropped kerb	Proposed gully	G	Proposed litter bin	
Proposed transition kerb	Proposed cycle stand		Potential new tree	
Proposed kerb	Proposed bus stop flag	BS	Proposed CCTV	
Proposed delineator kerb	Proposed bollard	B	Proposed Legible London Toter	

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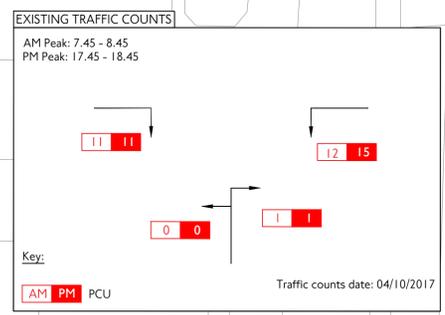
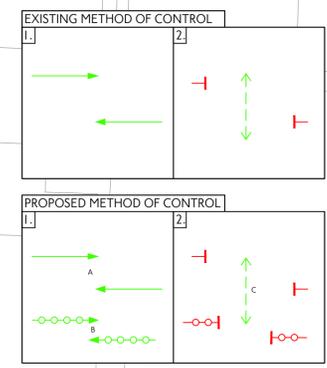
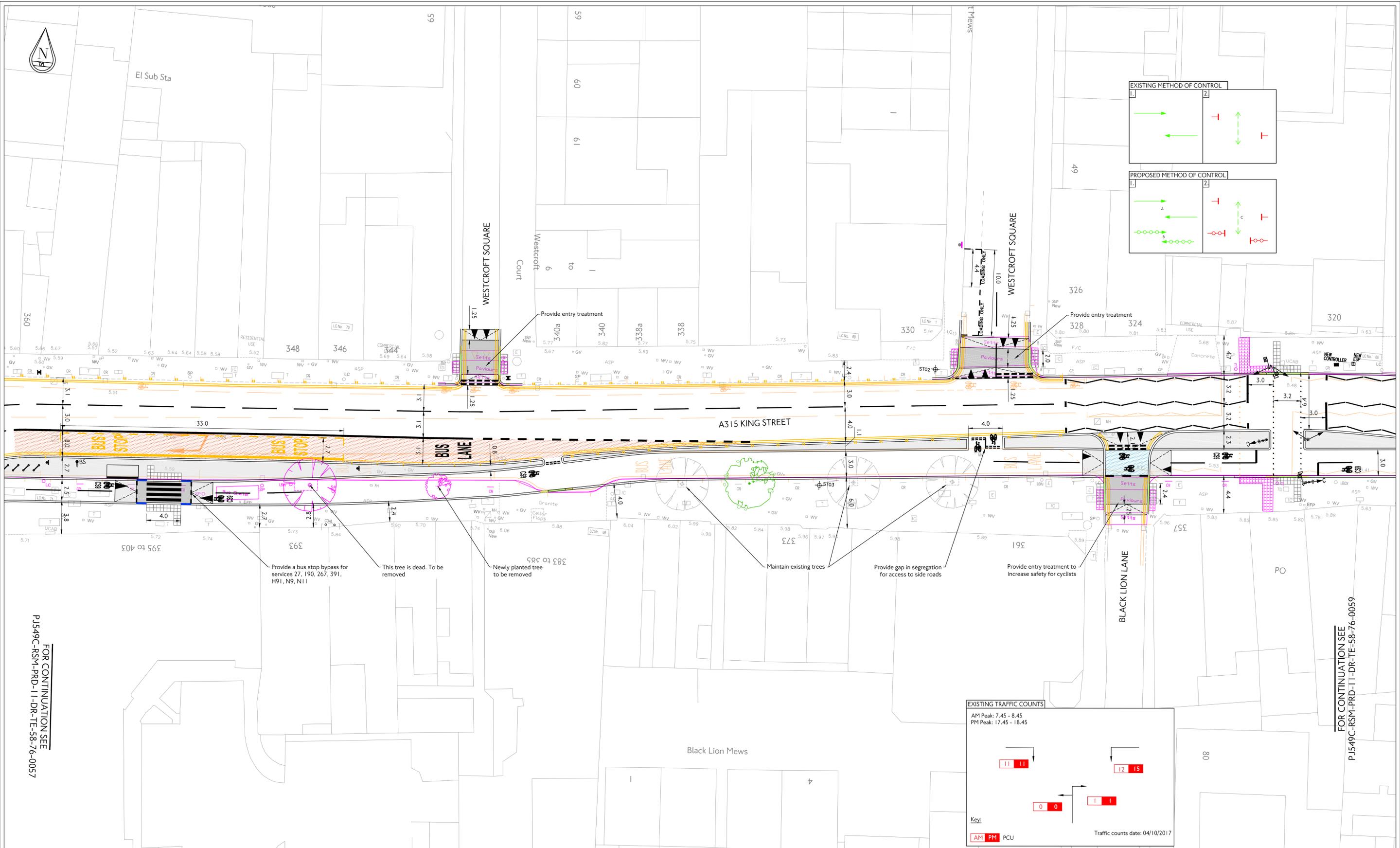
PO3	13.06.17	Issued for DRG review	JF	AO	KCL
PO2.1	16.05.17	Ahead only arrow amended	JF	AO	KCL
PO2	17.03.17	Issued for VISSIM Modelling	JF	AO	KCL
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Transport for London  
Surface Transport

**Road Space Management**  
Outcomes Design Engineering

Palestra  
197 Blackfriars Road  
London  
SE1 1BN

date: FEB 17 scale: 1:200 @ A1 dm: JF chk: AO app: KCL sheet no: 0057 OF 0075  
 suitability: D3 | FOR CONTRACTOR DESIGN | revision: P08  
 drawing No: PJ549C-RSM-PRD-11-DR-TE-25-57-0057.1  
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**LEGEND**

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Existing kerb	Proposed shared use footway	W • Proposed wand	Proposed traffic signals equipment
SP • Existing sign and post	Proposed raised table	TM □ Proposed ticket machine	Road markings to be removed
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Proposed road marking - white	Proposed overrun	Proposed bench	Gully to be removed
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Proposed road marking - red	Proposed footway level cycle track	Proposed tactile paving - buff	Stats affected
Proposed double blip	Proposed stepped cycle track	Proposed tactile paving - grey	TLRN Boundary
Proposed single blip	Proposed sign and post	Proposed tactile paving - red	
Proposed cycle logo	LC • Proposed lamp column (TBC)	Proposed grass area	
Proposed dropped kerb	G □ Proposed gully	Proposed litter bin	
Proposed transition kerb	Proposed cycle stand	Potential new tree	
Proposed kerb	BS • Proposed bus stop flag	CCTV • Proposed CCTV	
Proposed delineator kerb	B • Proposed bollard	Proposed Legible London Toter	

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P06	10.08.17	Issued following updated	JF	AO	KCL
P05	17.07.17	Issued following comments from	JF	AO	KCL

Transport for London  
**Surface Transport**

**Road Space Management**  
 Outcomes Design Engineering

Palestra  
 197 Blackfriars Road  
 London SE1 1BN

drawing No: **PJ549C-RSM-PRD-11-DR-TE-58-76-0058**

sheet no: 0058 OF 0076

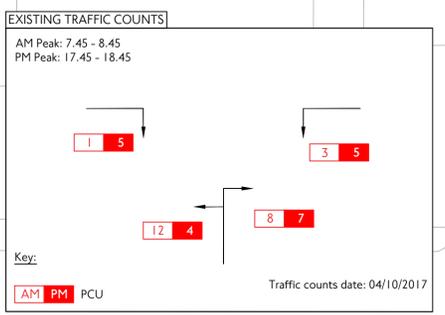
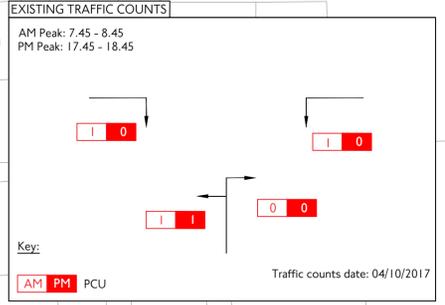
revision: 0001

date: FEB 17 | scale: 1:200 @ A1 | dm: JF | AO | KCL

**FOR CONTRACTOR DESIGN**

**P08**

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**LEGEND**

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Proposed road marking - yellow	Proposed contrast coloured surface	Proposed tactile paving - grey	Proposed tactile paving - red	Street furniture to be removed
Proposed road marking - red	Proposed footway level cycle track	Proposed tactile paving - red	Proposed grass area	Stats affected
Proposed double blip	Proposed stepped cycle track	Proposed litter bin	Potential new tree	TLRN Boundary
Proposed single blip	Proposed sign and post	Proposed cycle stand	Proposed CCTV	
Proposed cycle logo	Proposed lamp column (TBC)	Proposed bus stop flag	Proposed Legible London Toter	
Proposed dropped kerb	Proposed gully	B		
Proposed transition kerb	Proposed cycle stand			
Proposed kerb	Proposed bus stop flag			
Proposed delineator kerb	Proposed bollard			

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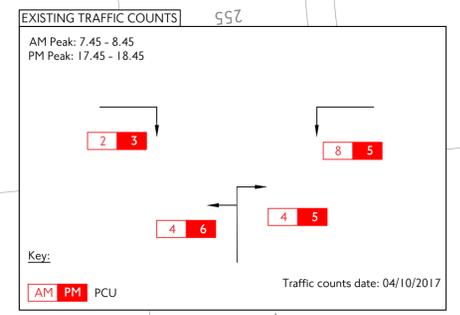
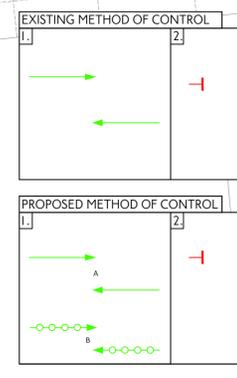
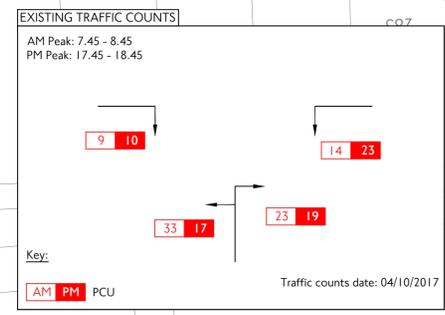
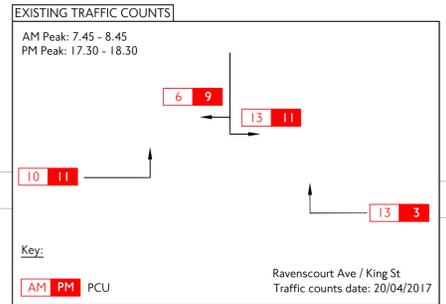
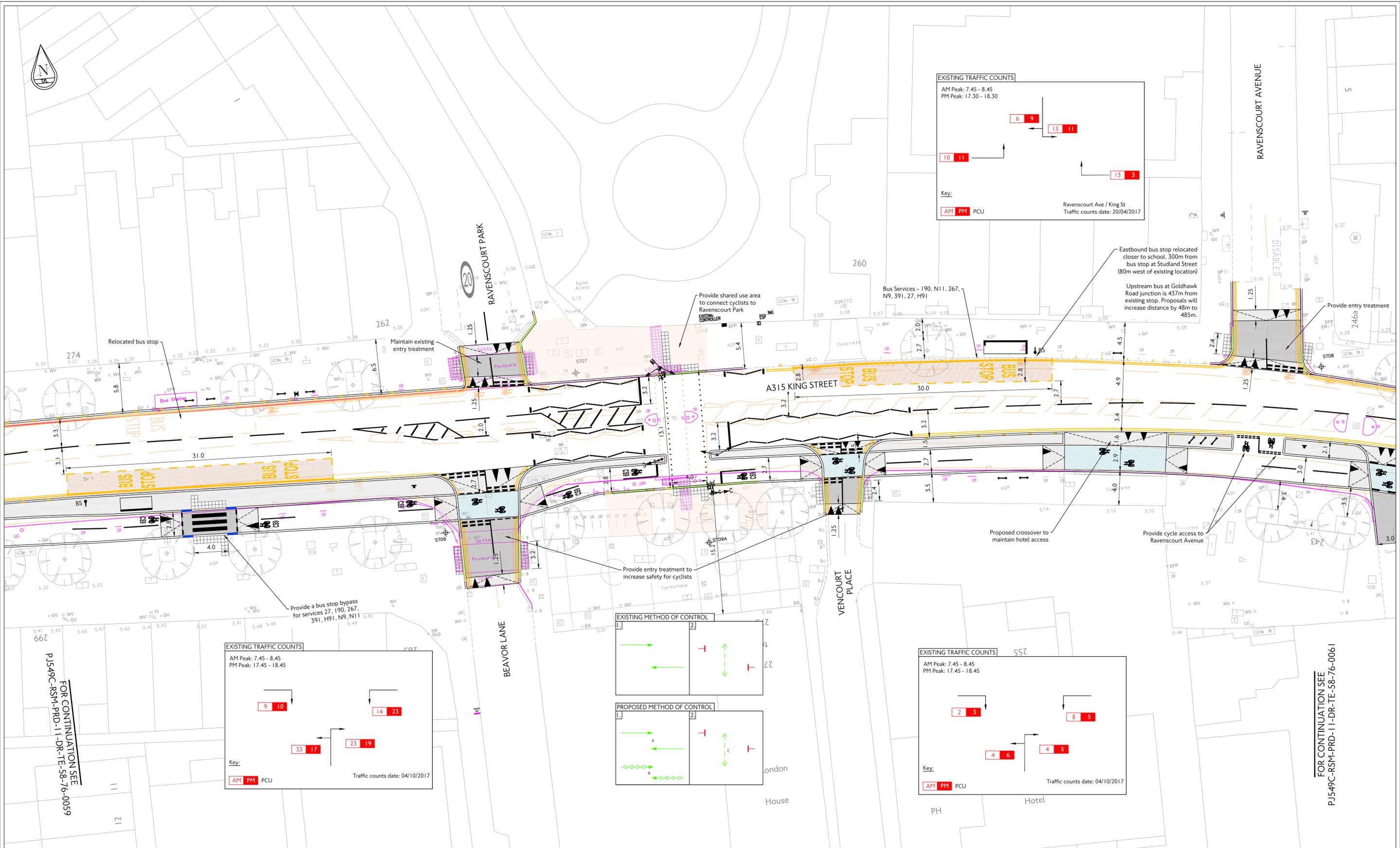
rev	date	details	dm	chk	app
P04	07.07.17	Issued for VISSIM Modelling	JF	AO	KCL
P03	13.06.17	Issued for DRG review	JF	AO	KCL
P02	17.03.17	Issued for VISSIM Modelling	JF	AO	KCL
P01	13.02.17	Issued for ITAG review	JF	AO	KCL

P08 25.01.19 Concept Design package JF JA KCL  
 P07 22.06.18 Issued for VISSIM Modelling JF JA KCL  
 P06 10.08.17 Issued following updated waiting restrictions JF AO KCL  
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Transport for London  
**Surface Transport**  
 Road Space Management  
 Outcomes Design Engineering  
 Palestra  
 197 Blackfriars Road  
 London SE1 1NU

LB OF HAMMERSMITH & FULHAM  
 CYCLE SUPERHIGHWAY 9  
 A315 KING STREET  
 CONCEPT DESIGN  
 SECTION 13

date: FEB 17 scale: 1:200 @ A1 dm: JF AO KCL app: JF AO KCL sheet no: 0059 OF 0076  
 suitability: D3 | FOR CONTRACTOR DESIGN revision: P08  
 drawing No: PJ549C-RSM-PRD-11-DR-TE-58-76-0059  
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LB OF HAMMERSMITH & FULHAM  
CYCLE SUPERHIGHWAY 9  
A315 KING STREET  
CONCEPT DESIGN  
SECTION 13

Transport for London  
Surface Transport

Road Space Management  
Outcomes Design Engineering

Palestra  
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London SE1 8JN

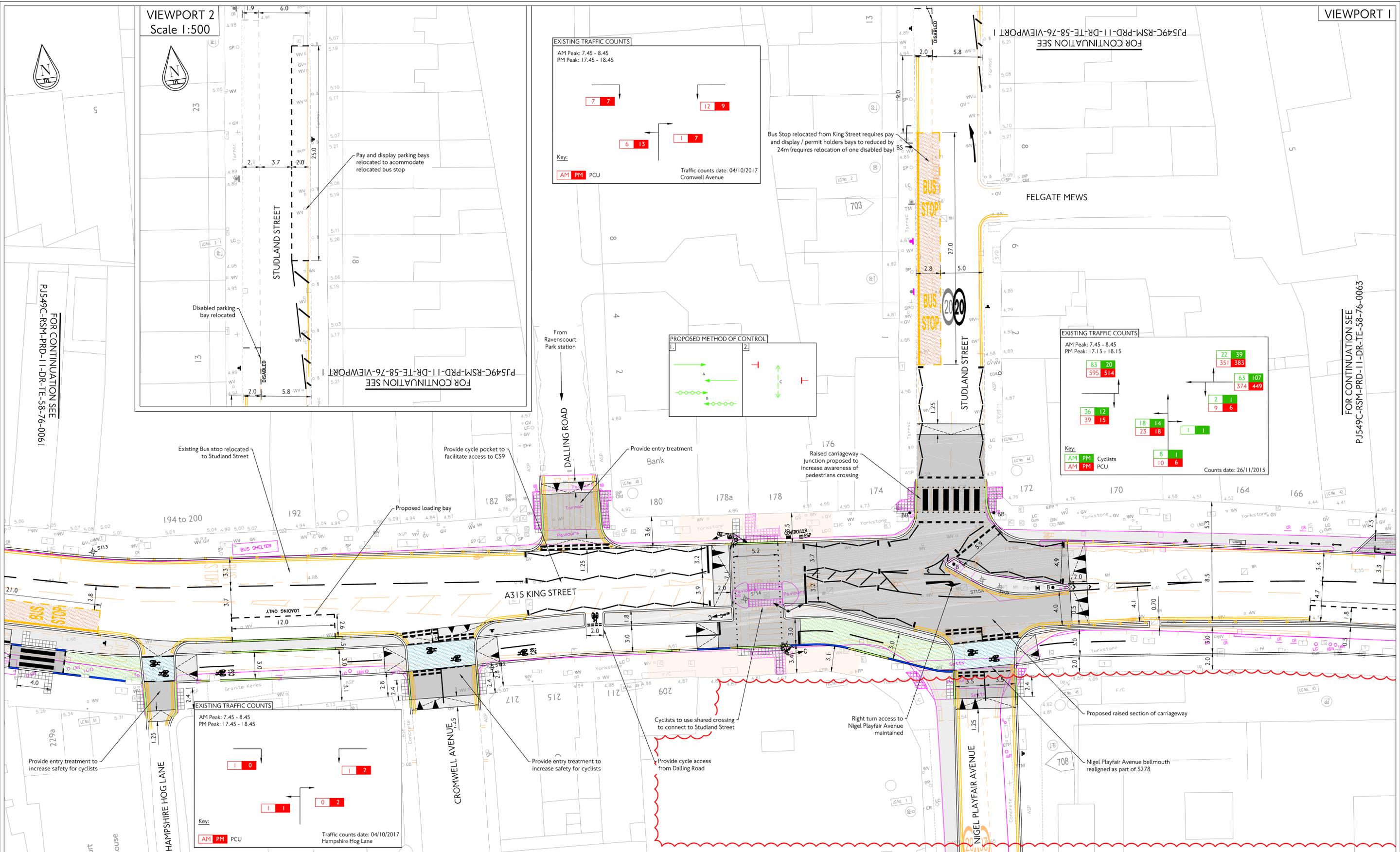
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PJS49C-RSM-PRD-11-DR-TE-58-76-0060

DATE: 2019 Feb 08 4:23



VIEWPORT 2  
Scale 1:500

VIEWPORT 1



**LEGEND**

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  - Re-instate existing road markings adjacent to kerb and carriageway works.
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**DRAINAGE INVESTIGATION AND DESIGN IS TO BE UNDERTAKEN AT DETAILED DESIGN STAGE.**

**TRAFFIC SIGNAL LOCATIONS ARE INDICATIVE. PLEASE REFER TO TRAFFIC SIGNALS DRAWINGS.**

**THE TOPOGRAPHICAL SURVEYS WERE DONE AT CONCEPT DESIGN STAGE. CHECKS SHOULD BE CARRIED OUT BEFORE DETAILED DESIGN COMMENCES.**

rev	date	details	dm	chk	app
P04	07.07.17	Issued for VISSIM Modelling	JF	AO	KCL
P03	13.06.17	Issued for DRG review	JF	AO	KCL
P02	17.03.17	Issued for VISSIM Modelling	JF	AO	KCL
P01	13.02.17	Issued for ITAG review	JF	AO	KCL

LB OF HAMMERSMITH & FULHAM  
CYCLE SUPERHIGHWAY 9  
A315 KING STREET  
CONCEPT DESIGN  
SECTION 13

Transport for London  
Surface Transport

Road Space Management  
Outcomes Design Engineering

Palestra  
197 Blackfriars Road  
London SE1 1BN

drawing No: PJ549C-RSM-PRD-11-DR-TE-58-76-0062

FOR CONTRACTOR DESIGN

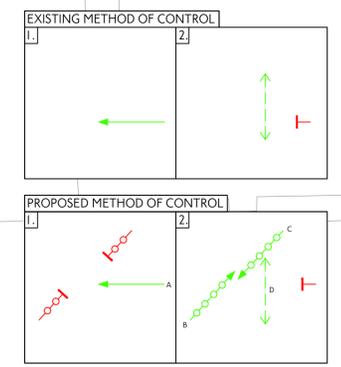
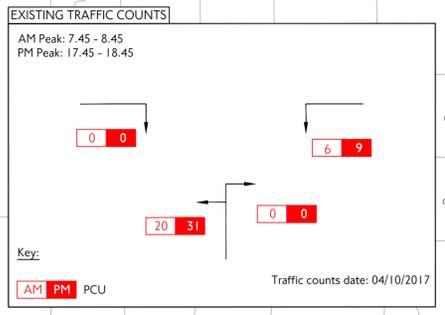
0062 OF 0076

DATE: 2019 Feb 08 4:25



PJ549C-RSM-PRD-11-DR-TE-58-76-0062  
FOR CONTINUATION SEE

FOR CONTINUATION SEE  
PJ549C-RSM-PRD-11-DR-TE-58-76-0064



**LEGEND**

Existing road marking	Proposed build-out / island	BB	Proposed bellisha beacon	Proposed traffic signal
Existing kerb	Proposed shared use footway	W	Proposed wand	Proposed traffic signals equipment
SP	Proposed raised table	TM	Proposed ticket machine	Road markings to be removed
LC	Proposed footway loading / parking	Proposed bus shelter	Proposed bench	Existing potentially affected
Proposed road marking - white	Proposed overrun	Proposed ramp	Proposed bench	Kerb / tactile to be removed
Proposed road marking - yellow	Proposed contrast coloured surface	Proposed tactile paving - buff	Proposed tactile paving - grey	Street furniture to be removed
Proposed road marking - red	Proposed footway level cycle track	Proposed tactile paving - red	Proposed grass area	Stats affected
Proposed double blip	Proposed stepped cycle track	Proposed cycle logo	Proposed litter bin	TLRN Boundary
Proposed single blip	Proposed sign and post	Proposed dropped kerb	Proposed cycle stand	Proposed Legible London Toter
Proposed cycle logo	Proposed lamp column (TBC)	Proposed transition kerb	Proposed bus stop flag	
Proposed dropped kerb	Proposed gully	Proposed kerb	Proposed bollard	
Proposed transition kerb	Proposed cycle stand	Proposed delineator kerb		
Proposed kerb	Proposed bus stop flag			
Proposed delineator kerb	Proposed bollard			

- NOTES**
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  - All lining and signing to be in accordance with the current Traffic Signs Regulations and General Directions (TSRGD).
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**THE TOPOGRAPHICAL SURVEYS WERE DONE AT CONCEPT DESIGN STAGE. CHECKS SHOULD BE CARRIED OUT BEFORE DETAILED DESIGN COMMENCES.**

P03.1	20.06.17	Issued for DRG review	JF	AO	KCL
P03	13.06.17	Issued for DRG review	JF	AO	KCL
P07	22.06.18	Issued for VISSIM Modelling	JF	JA	KCL
P02	17.03.17	Issued for VISSIM Modelling	JF	AO	KCL
P01	13.02.17	Issued for ITAG review	JF	AO	KCL
P06.1	24.10.17	Road markings updated (Zig-zags removed)	JF	AO	KCL
P06	10.08.17	Issued following updated waiting restrictions	JF	AO	KCL
P05	17.07.17	Issued following comments from borough	JF	AO	KCL
P04	07.07.17	Issued for VISSIM Modelling	JF	AO	KCL

LB OF HAMMERSMITH & FULHAM  
CYCLE SUPERHIGHWAY 9  
A315 KING STREET  
CONCEPT DESIGN  
SECTION 13

Transport for London  
Surface Transport

Road Space Management  
Outcomes Design Engineering

Palestra  
197 Blackfriars Road  
London  
SE1 1BN

date: FEB 17  
scale: 1:200 @ A1  
drawing No: PJ549C-RSM-PRD-11-DR-TE-58-76-0063

FOR CONTRACTOR DESIGN

P08

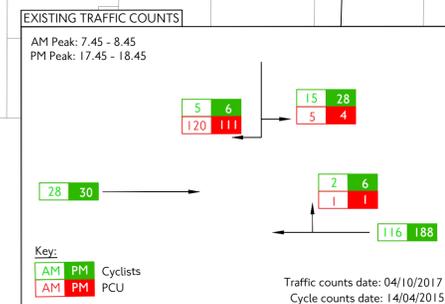
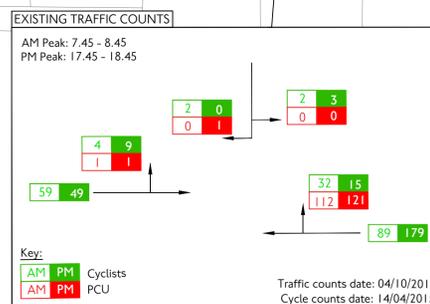
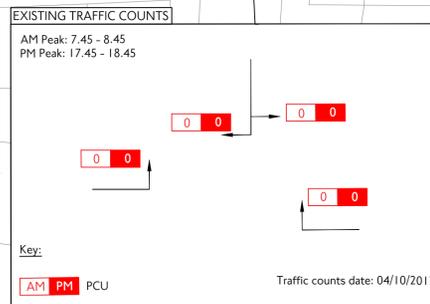
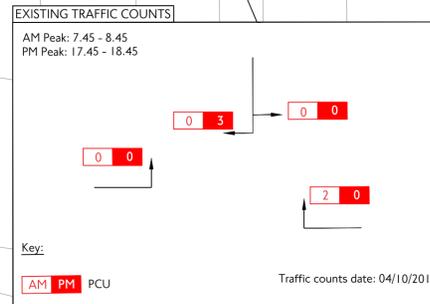
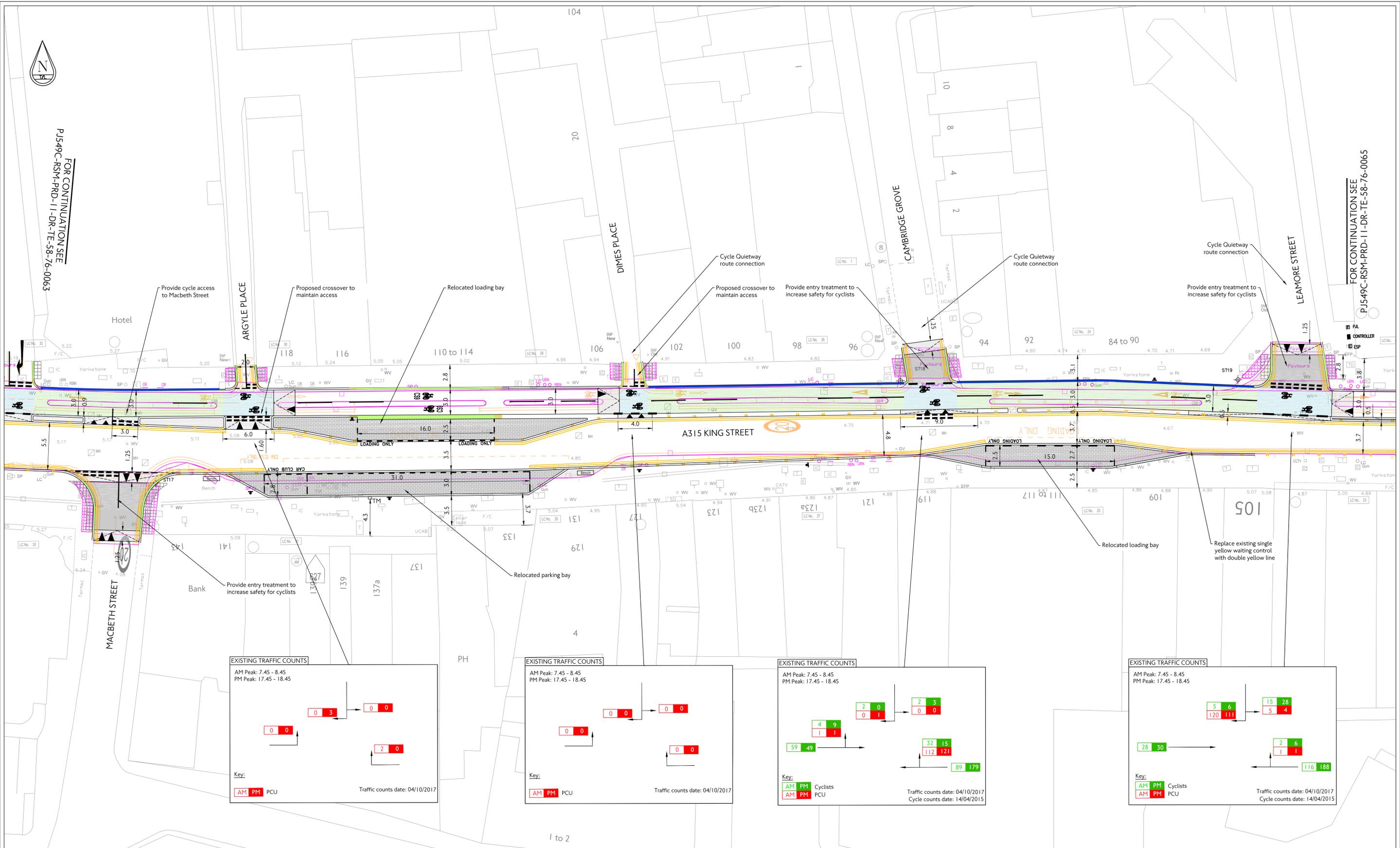
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revision: 1

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FOR CONTINUATION SEE

PJ549C-RSM-PRD-11-DR-TE-58-76-0065  
FOR CONTINUATION SEE



**LEGEND**

Existing road marking	Proposed build-out / island	BB • Proposed bellisha beacon	Proposed traffic signal
Existing kerb	Proposed shared use footway	W • Proposed wand	Proposed traffic signals equipment
SP • Existing sign and post	Proposed raised table	TM □ Proposed ticket machine	Road markings to be removed
LC • Existing lamp column	Proposed footway loading / parking	Proposed bus shelter	Existing potentially affected
Proposed road marking - white	Proposed overrun	Proposed bench	Kerb / tactile to be removed
Proposed road marking - yellow	Proposed contrast coloured surface	Proposed ramp	Street furniture to be removed
Proposed road marking - red	Proposed footway level cycle track	Proposed tactile paving - buff	Stats affected
Proposed double blip	Proposed stepped cycle track	Proposed tactile paving - grey	TLRN Boundary
Proposed single blip	Proposed sign and post	Proposed tactile paving - red	
Proposed cycle logo	LC • Proposed lamp column (TBC)	Proposed grass area	
Proposed dropped kerb	G □ Proposed gully	Proposed litter bin	
Proposed transition kerb	Proposed cycle stand	Potential new tree	
Proposed kerb	BS • Proposed bus stop flag	CCTV • Proposed CCTV	
Proposed delineator kerb	B • Proposed bollard	Proposed Legible London Toter	

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P04	07.07.17	Issued for VISSIM Modelling	JF	AO	KCL
P03	13.06.17	Issued for DRG review	JF	AO	KCL
P02	17.03.17	Issued for VISSIM Modelling	JF	AO	KCL
P01	13.02.17	Issued for ITAG review	JF	AO	KCL

borough: LB OF HAMMERSMITH & FULHAM  
scheme: CYCLE SUPERHIGHWAY 9 A315 KING STREET CONCEPT DESIGN SECTION 13

Transport for London  
**Surface Transport**

**Road Space Management**  
Outcomes Design Engineering

Palestra  
197 Blackfriars Road  
London SE1 1BN

drawing No: PJ549C-RSM-PRD-11-DR-TE-58-76-0064

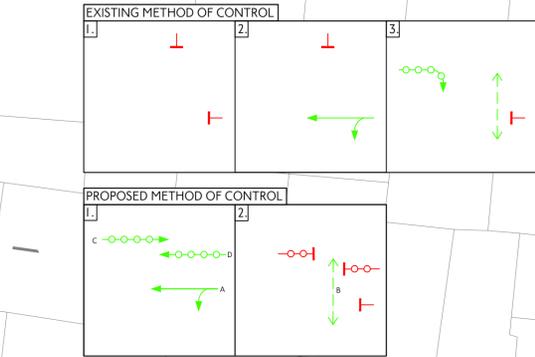
DATE: 2019 Feb 08 4:25



EXISTING TRAFFIC COUNTS	
AM Peak: 7.45 - 8.45 PM Peak: 17.15 - 18.15	
31	32
45	48
54	39
50	72
64	155
771	756
9	24
21	36

Key:  
 AM PM Cyclists  
 AM PM PCU

Traffic counts date: 23/03/2015  
 Cycle counts date: 14/04/2015



LEGEND	
Existing road marking	Proposed build-out / island
Existing kerb	Proposed shared use footway
Existing sign and post	Proposed raised table
Existing lamp column	Proposed footway loading / parking
Proposed road marking - white	Proposed overrun
Proposed road marking - yellow	Proposed contrast coloured surface
Proposed road marking - red	Proposed footway level cycle track
Proposed double blip	Proposed stepped cycle track
Proposed single blip	Proposed sign and post
Proposed cycle logo	Proposed lamp column (TBC)
Proposed dropped kerb	Proposed gully
Proposed transition kerb	Proposed cycle stand
Proposed kerb	Proposed bus stop flag
Proposed delineator kerb	Proposed bollard
Proposed traffic signal	Proposed bellisha beacon
Proposed traffic signals equipment	Proposed wand
Road markings to be removed	Proposed ticket machine
Existing potentially affected	Proposed bus shelter
Gully to be removed	Proposed bench
Street furniture to be removed	Proposed ramp
Stats affected	Proposed tactile paving - buff
TLRN Boundary	Proposed tactile paving - red
	Proposed grass area
	Proposed litter bin
	Potential new tree
	Proposed CCTV
	Proposed Legible London Toter

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rev	date	details	dm	chk	app
P08	25.01.19	Concept Design package	JF	JA	KCL
P07	22.06.18	Issued for VISSIM Modelling	JF	JA	KCL
P06	10.08.17	Issued following updated waiting restrictions	JF	AO	KCL
P05	17.07.17	Issued following comments from borough	JF	AO	KCL
P04	07.07.17	Issued for VISSIM Modelling	JF	AO	KCL

borough	date	details	dm	chk	app
P03	13.06.17	Issued for DRG review	JF	AO	KCL
P02.1	13.04.17	Bridge Avenue junction changed to pedestrian crossing	JF	AO	KCL
P02	03.03.17	Issued for VISSIM Modelling	KH	AO	KCL
P01	01.02.17	Issued for ITAG review	JF	AO	KCL

LB of HAMMERSMITH & FULHAM  
 CYCLE SUPERHIGHWAY 9  
 A315 KING STREET  
 CONCEPT DESIGN  
 SECTION 14

Transport for London  
 Surface Transport

**Road Space Management**  
 Outcomes Design Engineering

Palestra  
 197 Blackfriars Road  
 London SE1 1BN

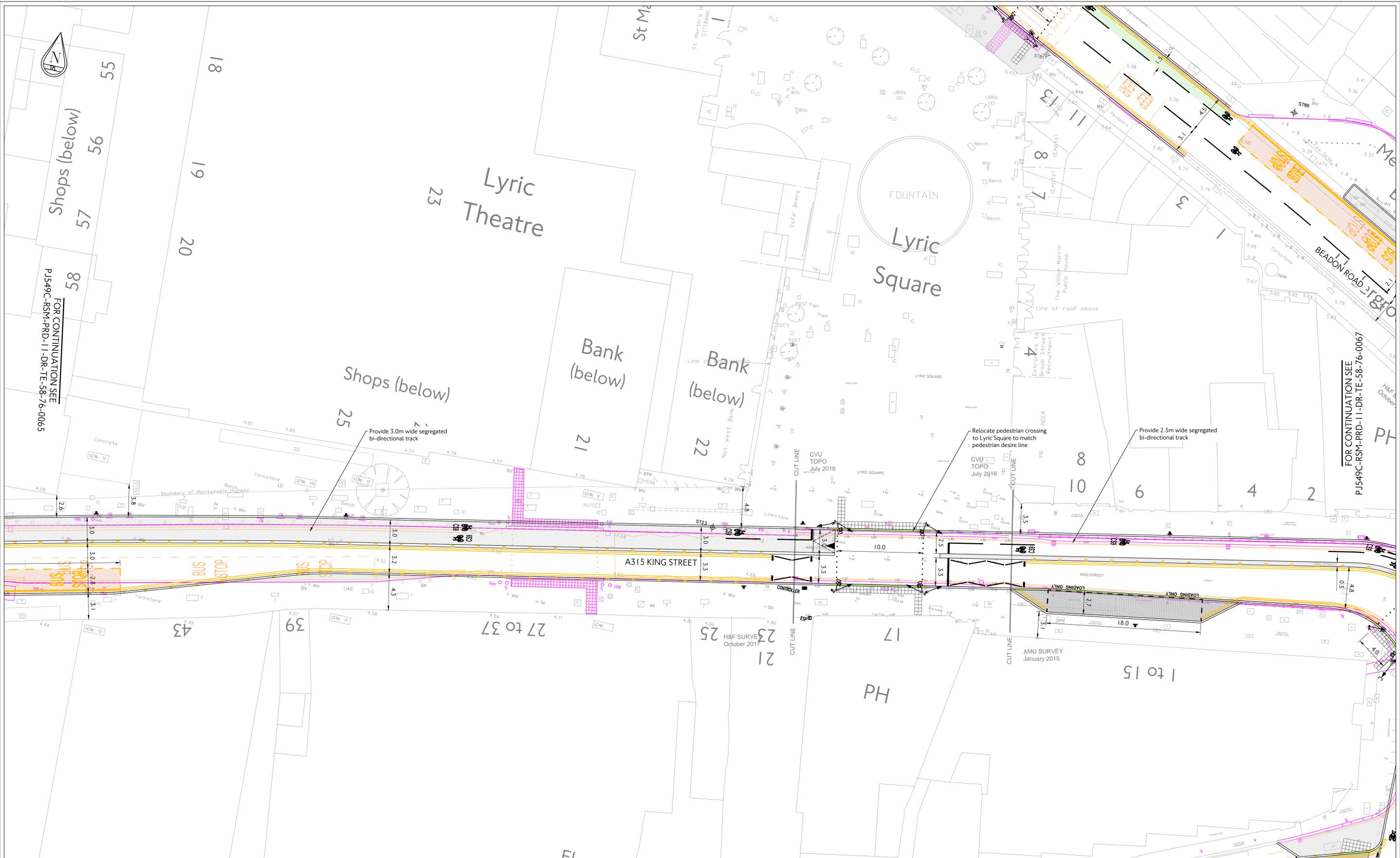
date: FEB 17  
 scale: 1:200 @ A1  
 dm: JF  
 chk: AO  
 app: KCL

sheet no: 0065 OF 0076  
 revision:

D3 | FOR CONTRACTOR DESIGN | P08

drawing No: PJ549C-RSM-PRD-11-DR-TE-58-76-0065

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**LEGEND**

Existing road marking	Proposed build-out / island	BB ● Proposed belisha beacon	Proposed traffic signal
Existing kerb	Proposed shared use footway	W ● Proposed wand	Proposed traffic signals equipment
SP ■ Existing sign and post	Proposed raised table	TM □ Proposed ticket machine	Road markings to be removed
LC ● Existing lamp column	Proposed footway loading / parking	Proposed bus shelter	Existing potentially affected
Proposed road marking - white	Proposed overrun	Proposed bench	Gully to be removed
Proposed road marking - yellow	Proposed contrast coloured surface	Proposed ramp	Street furniture to be removed
Proposed road marking - red	Proposed footway level cycle track	Proposed tactile paving - buff	Stats affected
Proposed double blip	Proposed stepped cycle track	Proposed tactile paving - grey	TLRN Boundary
Proposed single blip	Proposed sign and post	Proposed tactile paving - red	
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Proposed dropped kerb	G □ Proposed gully	Potential litter bin	
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P08	25.01.19	Concept Design package	JF	JA	KCL
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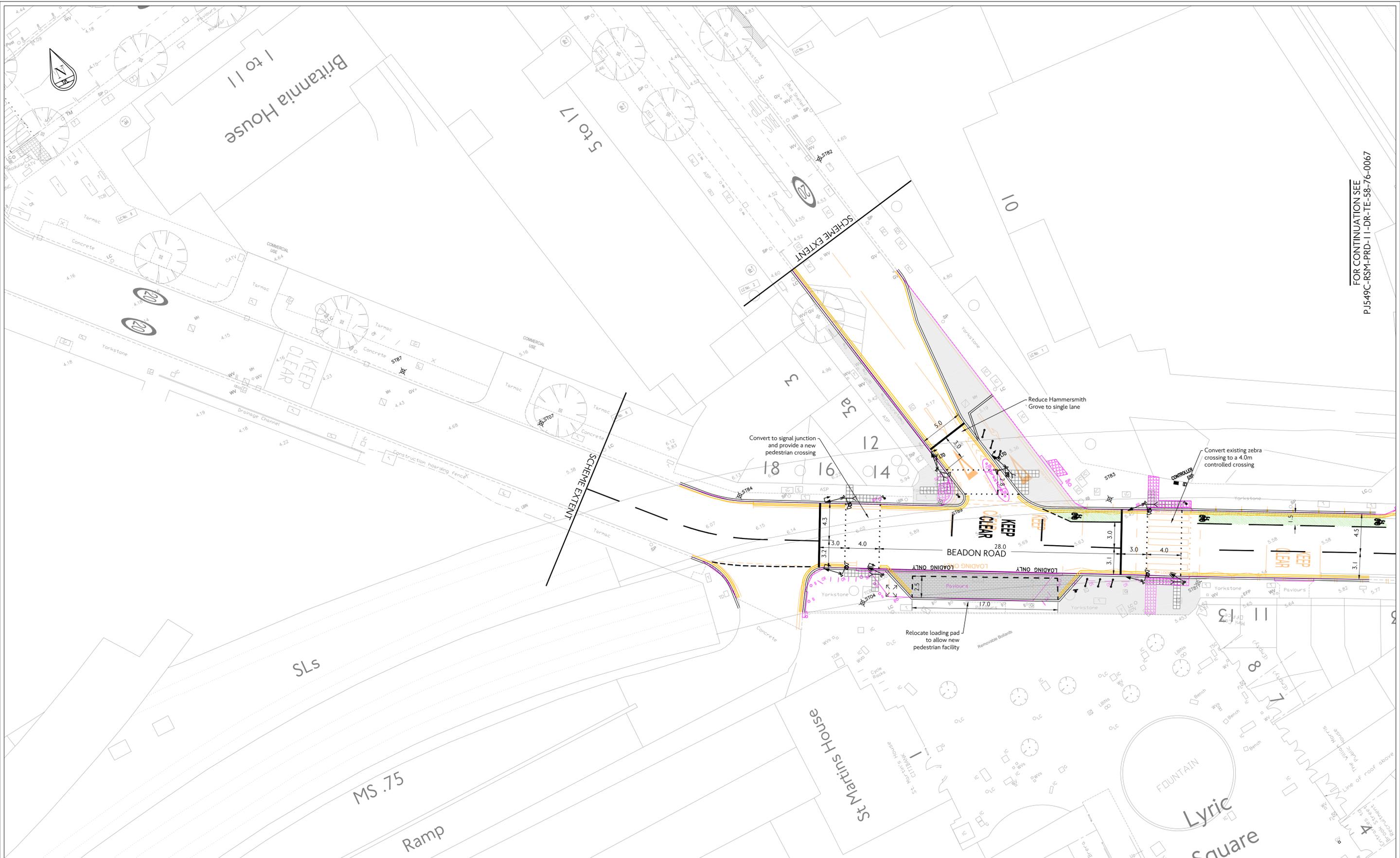
LB OF HAMMERSMITH & FULHAM  
**CYCLE SUPERHIGHWAY 9**  
**A315 KING STREET**  
**CONCEPT DESIGN**  
**SECTION 14**

Transport for London  
**Surface Transport**

**Road Space Management**  
 Outcomes Design Engineering

Palestra  
 197 Blackfriars Road  
 London SE1 1BU

date: FEB 17 scale: 1:200 @ A1 dm: JF ch: AO app: KCL sheet no: 0066 OF 0076  
 suitability: S3 FOR COMMENT revision: P07  
 drawing No: PJ549C-RSM-PRD-11-DR-TE-58-76-0066  
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**LEGEND**

— Existing road marking	Proposed build-out / island	BB ● Proposed belisha beacon	Proposed traffic signal
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— Proposed single blip	Proposed sign and post	Proposed tactile paving - red	TLRN Boundary
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— Proposed dropped kerb	Proposed gully	Proposed litter bin	
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rev	date	details	dm	chk	app
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Transport for London  
Surface Transport

**LB OF HAMMERSMITH & FULHAM**  
CYCLE SUPERHIGHWAY 9  
HAMMERSMITH BROADWAY  
CONCEPT DESIGN  
SECTION 15

Paestra  
197 Blackfriars Road  
London  
SE1 1BN

Scale: 1:200 @ A1  
Date: FEB 17

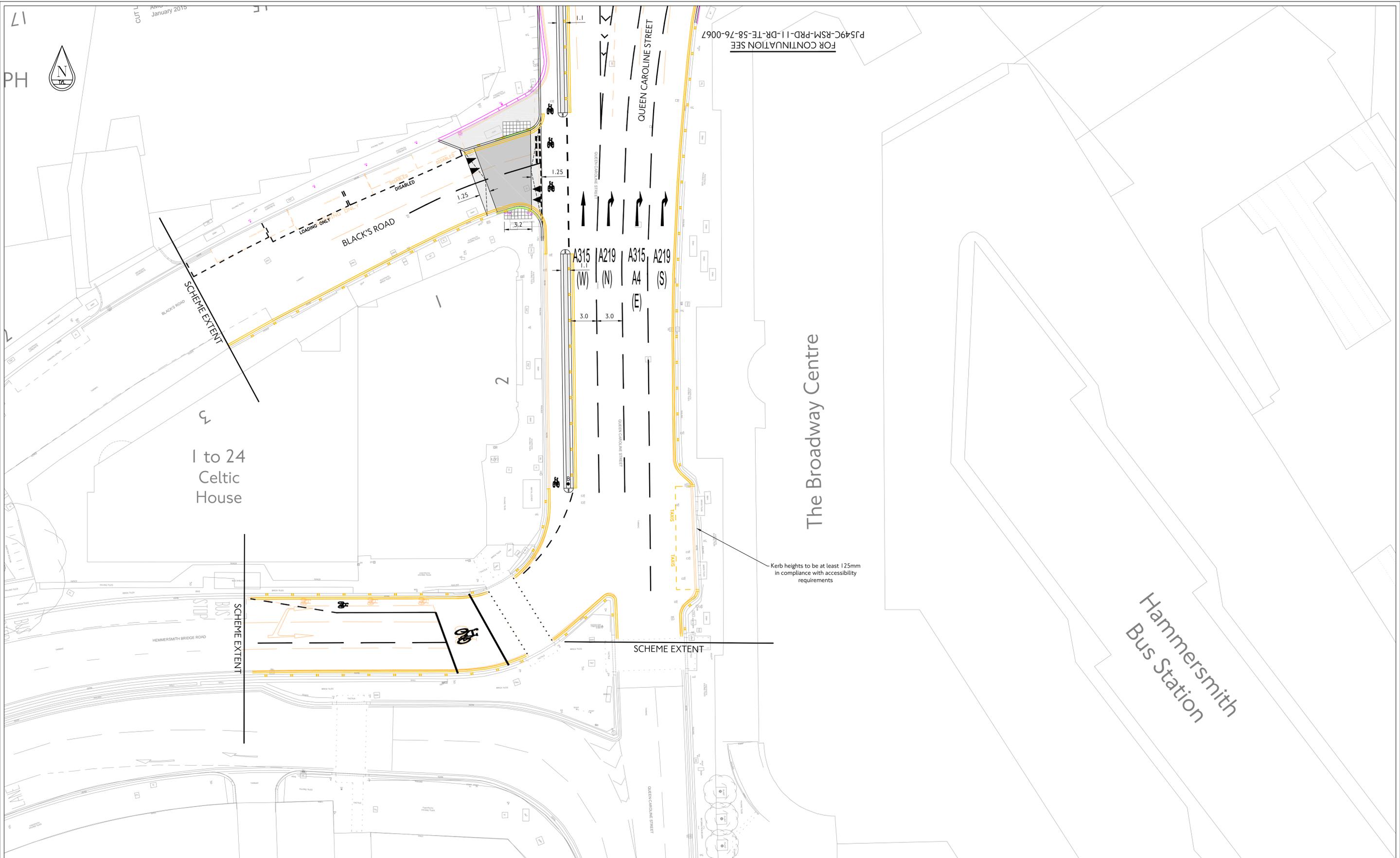
FOR CONTRACTOR DESIGN

Sheet No: 0066.1 OF 0076  
Revision: 0076.1

Drawing No: PJ549C-RSM-PRD-11-DR-TE-58-76-0066.1

Project: Cycle Superhighway 9  
Drawing: Concept Design Section 15





**LEGEND**

— Existing road marking	▭ Proposed build-out / island	BB ● Proposed bellsha beacon	🚦 Proposed traffic signal
— Existing kerb	▭ Proposed shared use footway	W ● Proposed wand	🚦 Proposed traffic signals equipment
SP 🚦 Existing sign and post	▭ Proposed raised table	TM □ Proposed ticket machine	— Road markings to be removed
LC ● Existing lamp column	▭ Proposed footway loading / parking	🚰 Proposed bus shelter	— Existing potentially affected
— Proposed road marking - white	▭ Proposed overrun	🚰 Proposed bench	🗑️ Gully to be removed
— Proposed road marking - yellow	▭ Proposed contrast coloured surface	🚰 Proposed ramp	🗑️ Street furniture to be removed
— Proposed road marking - red	▭ Proposed footway level cycle track	🚰 Proposed tactile paving - buff	🗑️ Kerb / tactile to be removed
— Proposed double blip	▭ Proposed stepped cycle track	🚰 Proposed tactile paving - grey	🗑️ Stats affected
— Proposed single blip	SP 🚦 Proposed sign and post	🚰 Proposed tactile paving - red	— TLRN Boundary
— Proposed cycle logo	LC ● Proposed lamp column (TBC)	🚰 Proposed grass area	
— Proposed dropped kerb	G □ Proposed gully	🗑️ Proposed litter bin	
— Proposed transition kerb	— Proposed cycle stand	🌳 Potential new tree	
— Proposed kerb	BS — Proposed bus stop flag	📹 Proposed CCTV	
— Proposed delineator kerb	B ● Proposed bollard	📹 Proposed Legible London Totem	

**NOTES**

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**THE TOPOGRAPHICAL SURVEYS WERE DONE AT CONCEPT DESIGN STAGE CHANGES MIGHT OCCUR AND THEREFORE CHECKS SHOULD BE CARRIED OUT BEFORE DETAILED DESIGN COMMENCES.**

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Transport for London  
Surface Transport

**Road Space Management**  
Outcomes Design Engineering

Palestra  
197 Blackfriars Road  
London  
SE1 1NU

drawing No: **PJ549C-RSM-PRD-11-DR-TE-58-76-0067.1**

date: FEB 17 | scale: 1:200 @ A1 | dm: JF | chk: AO | app: KCL | sheet no: 0067.1 OF 0076

submittal: **D3 | FOR CONTRACTOR DESIGN** | revision: **P08**

LB of HAMMERSMITH & FULHAM  
**CYCLE SUPERHIGHWAY 9  
HAMMERSMITH BROADWAY  
CONCEPT DESIGN  
SECTION 15**

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FOR CONTINUATION SEE

FOR CONTINUATION SEE  
PJ549C-RSM-PRD-11-DR-TE-58-76-0069

**EXISTING TRAFFIC COUNTS**

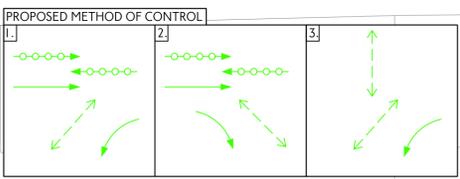
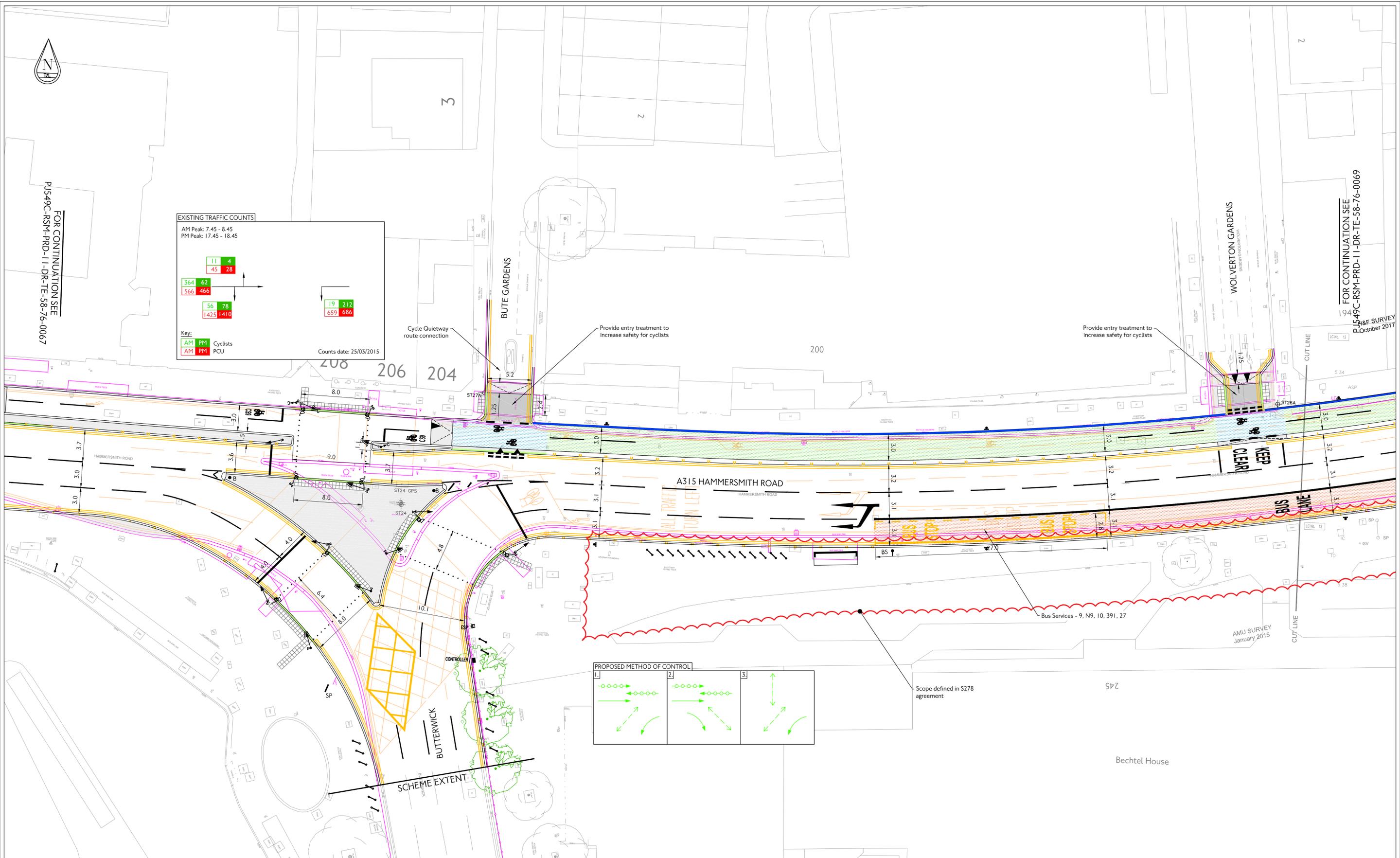
AM Peak: 7.45 - 8.45  
PM Peak: 17.45 - 18.45

11	4
45	28
364	62
566	466
56	78
1425	1410

Key:  
AM PM Cyclists  
AM PM PCU

Counts date: 25/03/2015

19	212
659	686



**LEGEND**

Existing road marking	Proposed build-out / island	BB • Proposed bellisha beacon	Proposed traffic signal
Existing kerb	Proposed shared use footway	W • Proposed wand	Proposed traffic signals equipment
SP • Existing sign and post	Proposed raised table	TM □ Proposed ticket machine	Road markings to be removed
LC • Existing lamp column	Proposed footway loading / parking	Proposed bus shelter	Existing potentially affected
Proposed road marking - white	Proposed overrun	Proposed bench	Gully to be removed
Proposed road marking - yellow	Proposed contrast coloured surface	Proposed ramp	Street furniture to be removed
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Proposed cycle logo	LC • Proposed lamp column (TBC)	Proposed grass area	
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Proposed transition kerb	Proposed cycle stand	Potential new tree	
Proposed kerb	BS • Proposed bus stop flag	CCTV • Proposed CCTV	
Proposed delineator kerb	B • Proposed bollard	Proposed Legible London Toter	

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LB of HAMMERSMITH & FULHAM  
CYCLE SUPERHIGHWAY 9  
A315 HAMMERSMITH ROAD  
CONCEPT DESIGN  
SECTION 15

rev	date	details	dm	chk	app
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Transport for London  
Surface Transport  
Road Space Management  
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Palestra  
197 Blackfriars Road  
London  
SE1 1BN

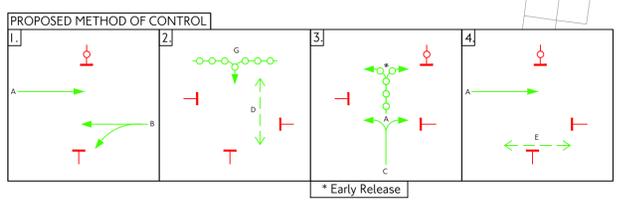
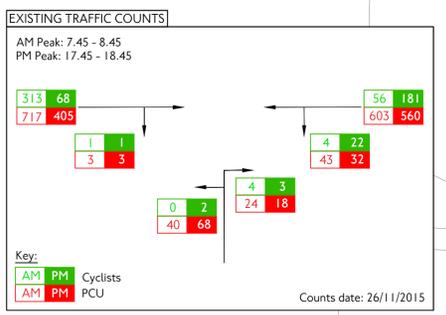
date: FEB 17  
scale: 1:200 @ A1  
drawing No: PJ549C-RSM-PRD-11-DR-TE-58-76-0068  
sheet no: 0068 OF 0076  
revision: 0076

D3 | FOR CONTRACTOR DESIGN | P08

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FOR CONTINUATION SEE

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FOR CONTINUATION SEE



**LEGEND**

Existing road marking	Proposed build-out / island	BB • Proposed belisha beacon	Proposed traffic signal
Existing kerb	Proposed shared use footway	W • Proposed wand	Proposed traffic signals equipment
Existing sign and post	Proposed raised table	TM □ Proposed ticket machine	Road markings to be removed
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Proposed road marking - yellow	Proposed contrast coloured surface	Proposed ramp	Street furniture to be removed
Proposed road marking - red	Proposed footway level cycle track	Proposed tactile paving - buff	Stats affected
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Proposed single blip	Proposed sign and post	Proposed tactile paving - red	
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Proposed dropped kerb	G □ Proposed gully	Proposed litter bin	
Proposed transition kerb	Proposed cycle stand	Potential new tree	
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LB of HAMMERSMITH & FULHAM  
CYCLE SUPERHIGHWAY 9  
A315 HAMMERSMITH ROAD  
CONCEPT DESIGN  
SECTION 15

Transport for London  
Surface Transport

**Road Space Management**  
Outcomes Design Engineering

Palestra  
197 Blackfriars Road  
London  
SE1 1BN

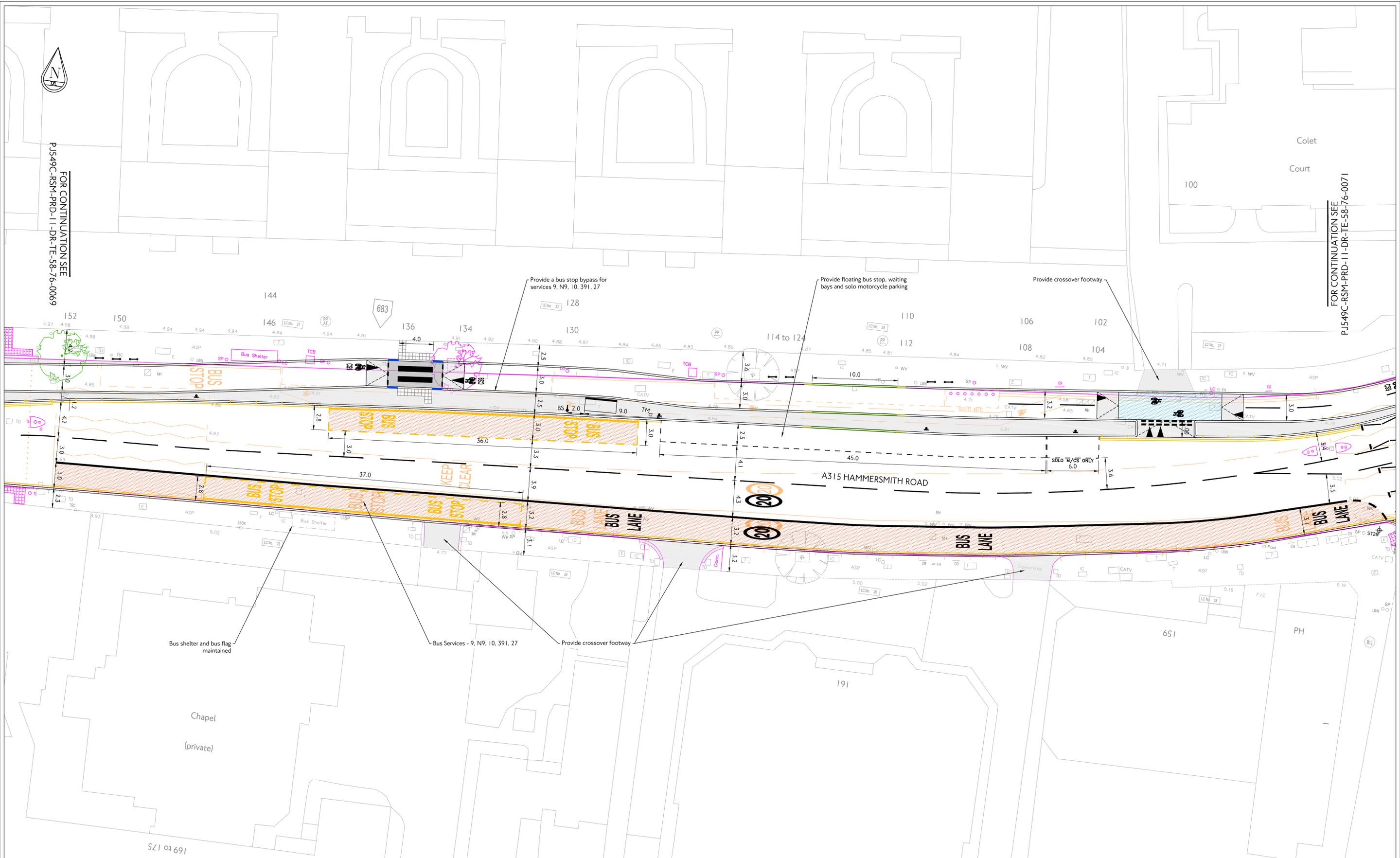
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revision: 0069 OF 0076  
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FOR CONTINUATION SEE  
PJ549C-RSM-PRD-11-DR-TE-58-76-0069

FOR CONTINUATION SEE  
PJ549C-RSM-PRD-11-DR-TE-58-76-0071



**LEGEND**

Existing road marking	Proposed build-out / island	BB ● Proposed bellisha beacon	Proposed traffic signal
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LB of HAMMERSMITH & FULHAM  
**CYCLE SUPERHIGHWAY 9**  
**A315 HAMMERSMITH ROAD**  
**CONCEPT DESIGN**  
**SECTION 16**

Transport for London  
**Surface Transport**  
**Road Space Management**  
 Outcomes Design Engineering

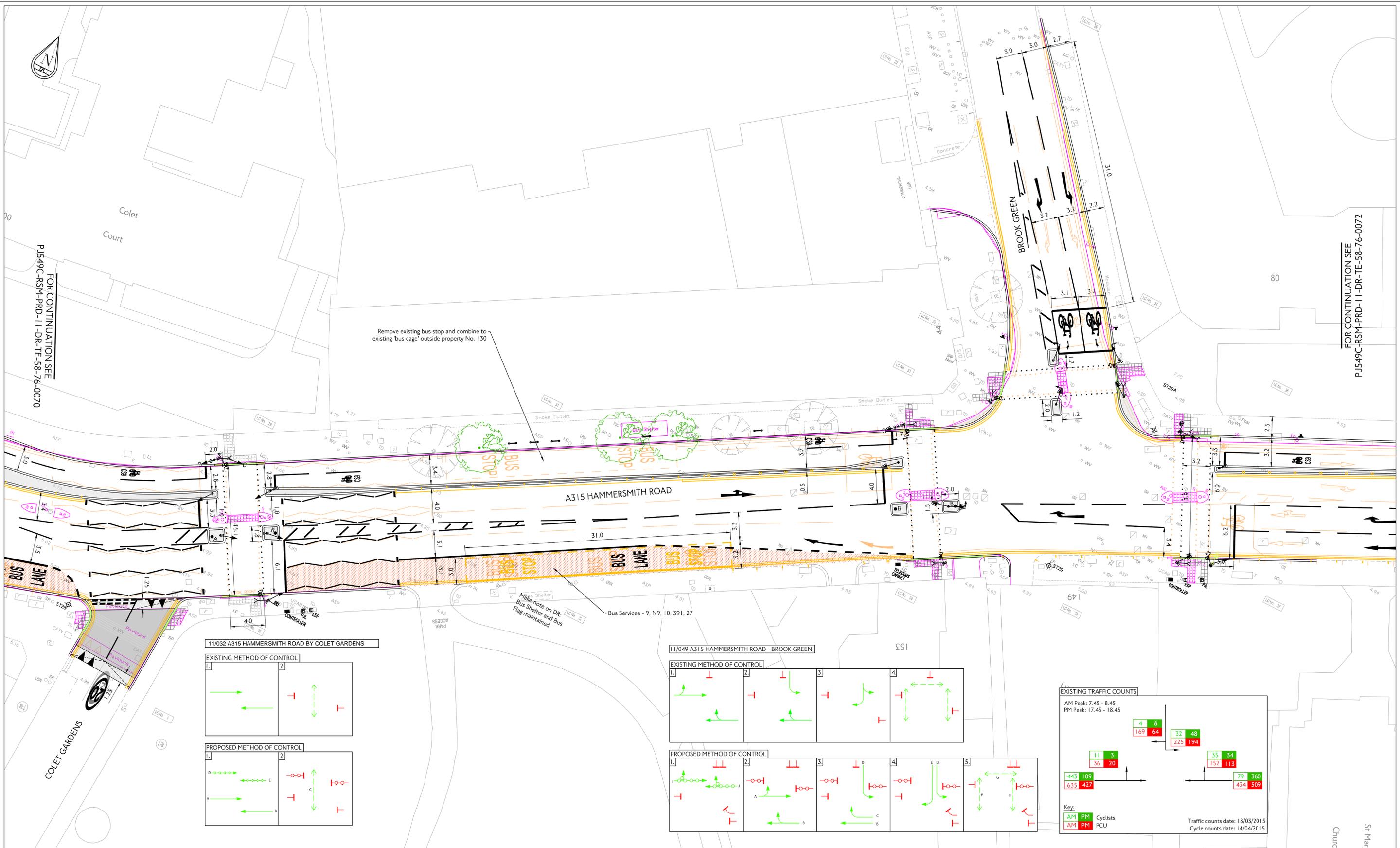
Palestra  
 197 Blackfriars Road  
 London  
 SE1 1BN

date scale dm chk app sheet no  
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D3 | FOR CONTRACTOR DESIGN | P08

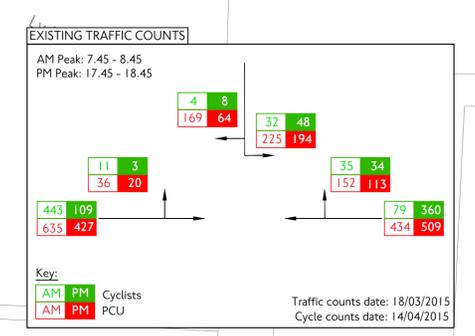
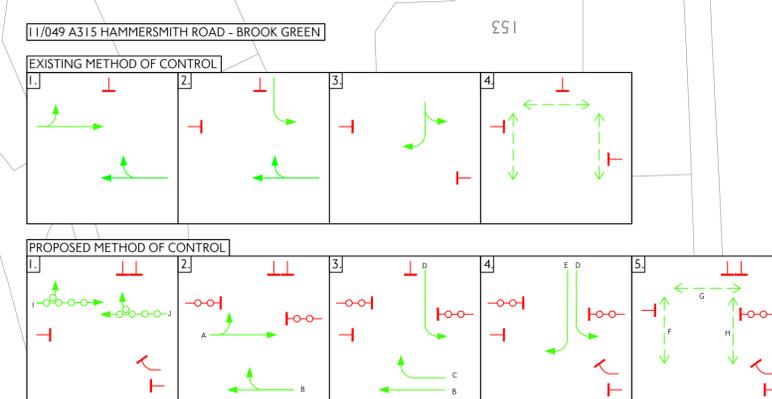
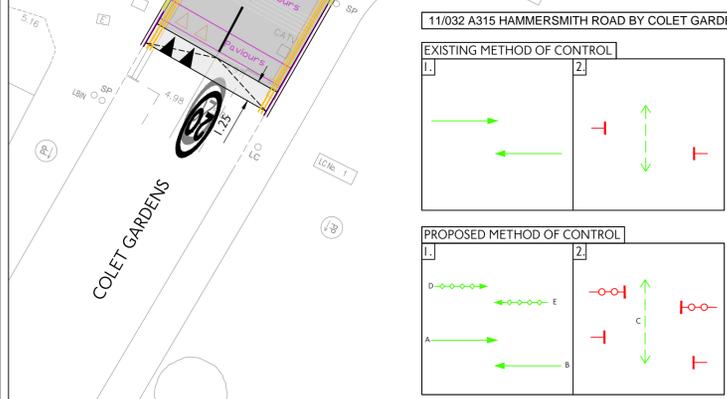
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**PJ549C-RSM-PRD-11-DR-TE-58-76-0070**

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PJ549C-RSM-PRD-11-DR-TE-58-76-0072  
FOR CONTINUATION SEE



**LEGEND**

Existing road marking	Proposed build-out / island	BB	Proposed bellsha beacon	Proposed traffic signal
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Transport for London  
**Surface Transport**

**Road Space Management**  
Outcomes Design Engineering

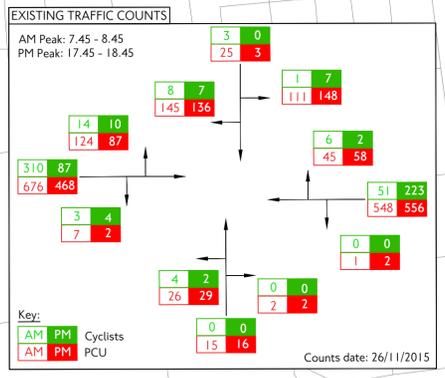
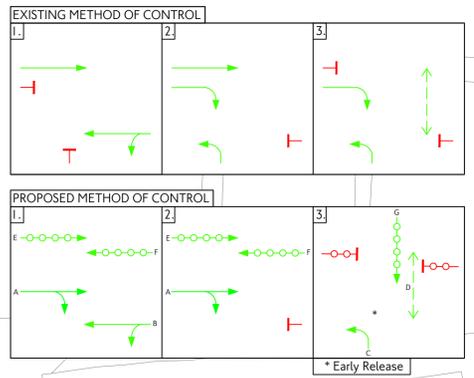
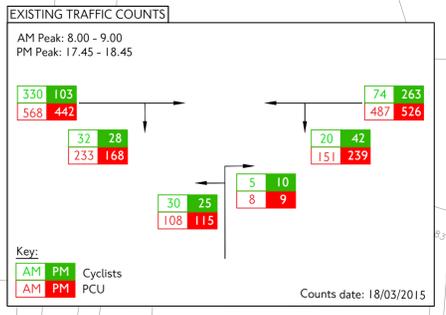
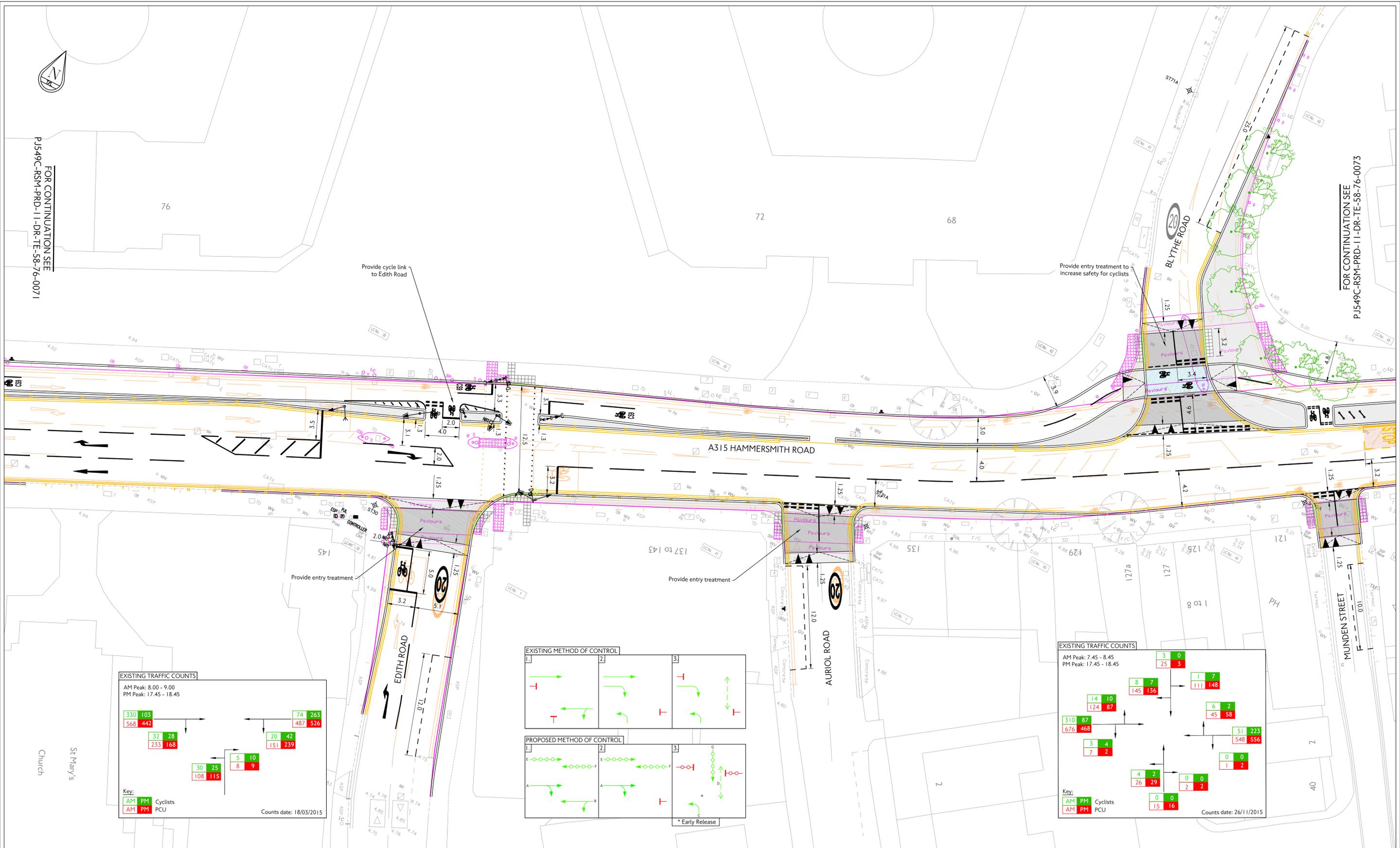
Palestra  
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LB OF HAMMERSMITH & FULHAM  
**CYCLE SUPERHIGHWAY 9**  
A315 HAMMERSMITH ROAD  
CONCEPT DESIGN  
SECTION 16

date scale 1:200 @ A1  
FEB 17 JF AO KCL  
sheet no 0071 OF 0076  
revision  
D3 FOR CONTRACTOR DESIGN P08  
drawing No PJ549C-RSM-PRD-11-DR-TE-58-76-0071  
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P1549C-RSM-PRD-11-DR-TE-58-76-0071

FOR CONTINUATION SEE  
P1549C-RSM-PRD-11-DR-TE-58-76-0073



**LEGEND**

Existing road marking	Proposed build-out / island	BB	Proposed belisha beacon	Proposed traffic signal
Existing kerb	Proposed shared use footway	W	Proposed wand	Proposed traffic signals equipment
SP	Proposed raised table	TM	Proposed ticket machine	Road markings to be removed
LC	Proposed footway loading / parking	Proposed bus shelter	Proposed bench	Existing potentially affected
Proposed road marking - white	Proposed overrun	Proposed ramp	Proposed ramp	Kerb / tactile to be removed
Proposed road marking - yellow	Proposed contrast coloured surface	Proposed stepped cycle track	Proposed tactile paving - buff	Street furniture to be removed
Proposed road marking - red	Proposed footway level cycle track	Proposed sign and post	Proposed tactile paving - grey	Stats affected
Proposed double blip	Proposed single blip	Proposed lamp column (TBC)	Proposed grass area	TLRN Boundary
Proposed cycle logo	Proposed dropped kerb	Proposed gully	Potential litter bin	
Proposed transition kerb	Proposed cycle stand	Proposed bus stop flag	Potential new tree	
Proposed kerb	Proposed bus stop flag	Proposed bollard	Proposed Legible London Toter	
Proposed delineator kerb	Proposed bollard			

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LB OF HAMMERSMITH & FULHAM  
CYCLE SUPERHIGHWAY 9  
A315 HAMMERSMITH ROAD  
CONCEPT DESIGN  
SECTION 16

Transport for London  
Surface Transport

Road Space Management  
Outcomes Design Engineering

Palestra  
197 Blackfriars Road  
London SE1 1BN

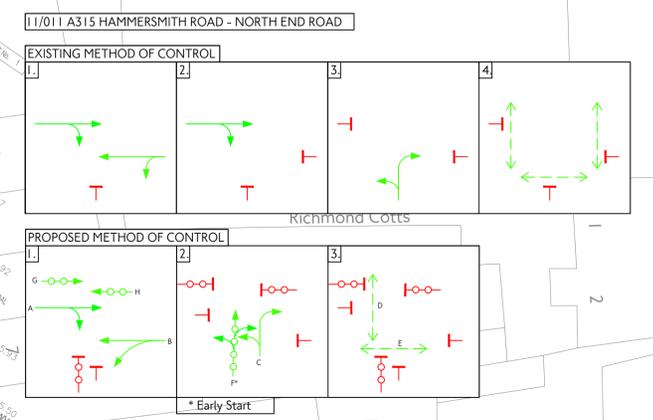
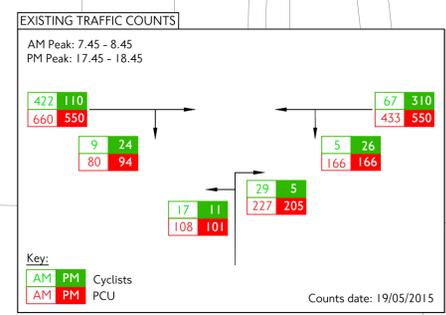
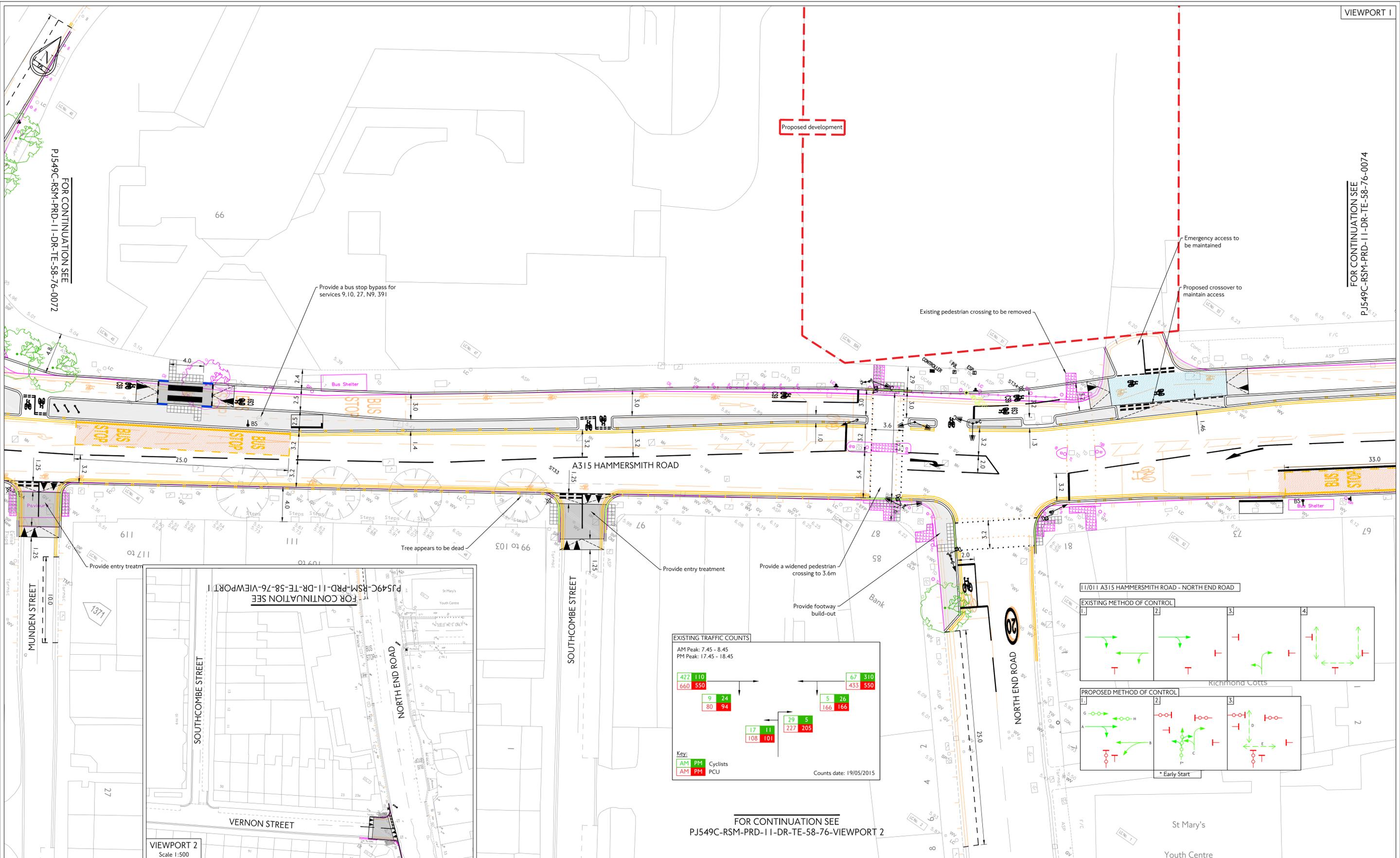
date: FEB 17  
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drawing no: D3  
FOR CONTRACTOR DESIGN  
P08

sheet no: 0072 OF 0076  
revision: 1

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FOR CONTINUATION SEE PJ549C-RSM-PRD-11-DR-TE-58-76-0074



**LEGEND**

Existing road marking	Proposed build-out / island	BB • Proposed bellisha beacon	Proposed traffic signal
Existing kerb	Proposed shared use footway	W • Proposed wand	Proposed traffic signals equipment
SP • Existing sign and post	Proposed raised table	TM □ Proposed ticket machine	Proposed tactile paving - buff
LC • Existing lamp column	Proposed footway loading / parking	Proposed bus shelter	Proposed tactile paving - red
Proposed road marking - white	Proposed overrun	Proposed bench	Proposed grass area
Proposed road marking - yellow	Proposed contrast coloured surface	Proposed ramp	Potential litter bin
Proposed road marking - red	Proposed footway level cycle track	Proposed tactile paving - buff	Potential new tree
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Proposed single blip	Proposed sign and post	Proposed tactile paving - red	Proposed Legible London Toter
Proposed cycle logo	Proposed lamp column (TBC)	Proposed grass area	
Proposed dropped kerb	Proposed gully	Potential litter bin	
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LB OF HAMMERSMITH & FULHAM  
 CYCLE SUPERHIGHWAY 9  
 A315 HAMMERSMITH ROAD  
 CONCEPT DESIGN  
 SECTION 16

Transport for London  
 Surface Transport

Road Space Management  
 Outcomes Design Engineering

Palestra  
 197 Blackfriars Road  
 London SE1 1BN

date: FEB 17  
 scale: 1:200 @ A1  
 dm: JF  
 chk: AO  
 app: KCL

sheet no: 0073 OF 0076  
 revision: 1

D3 | FOR CONTRACTOR DESIGN | P08

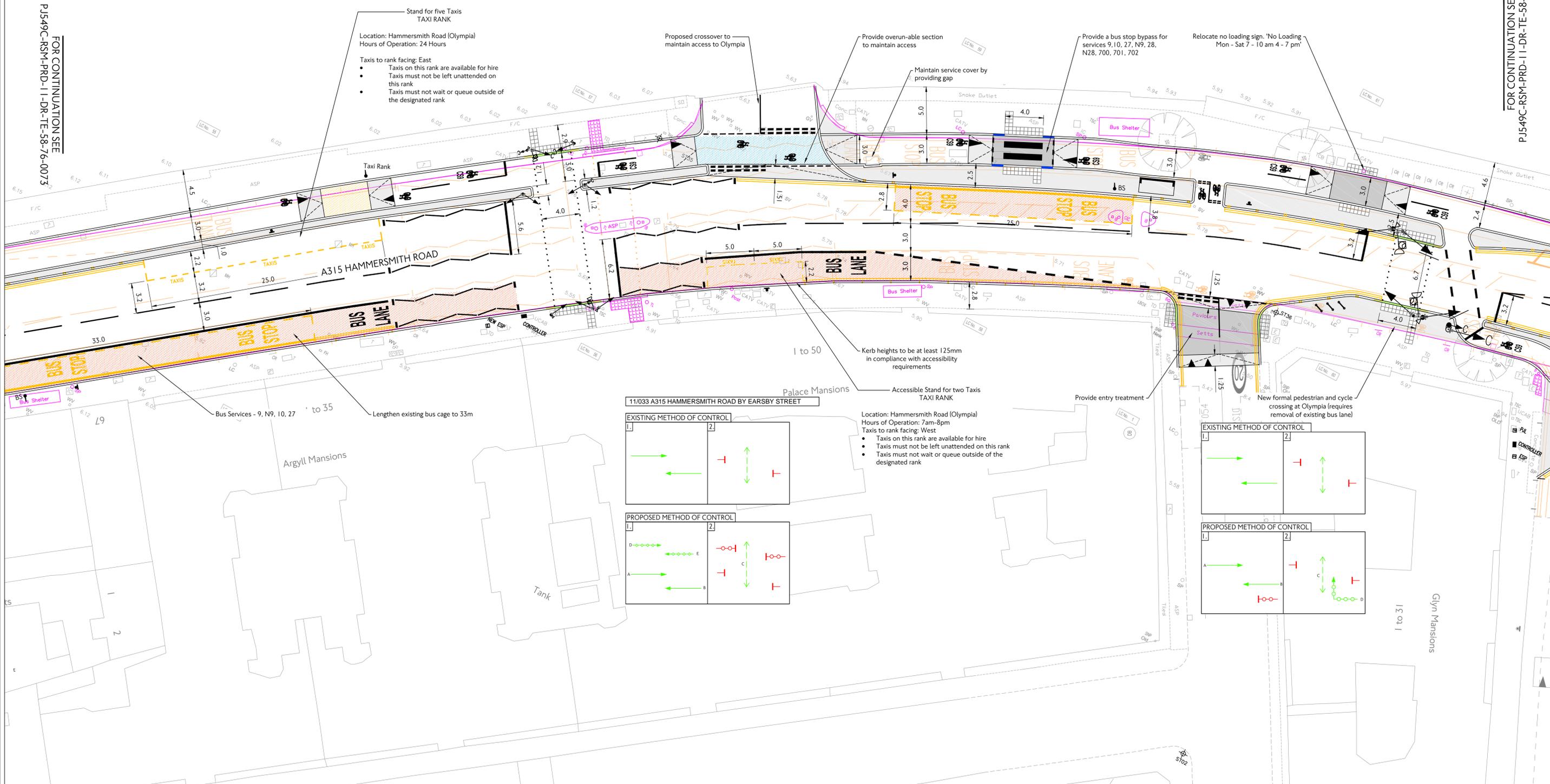
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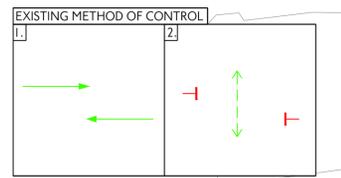


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FOR CONTINUATION SEE

FOR CONTINUATION SEE  
PJ549C-RSM-PRD-11-DR-TE-58-76-0075



11/033 A315 HAMMERSMITH ROAD BY EARSBY STREET



Location: Hammersmith Road (Olympia)  
Hours of Operation: 7am-8pm  
Taxis to rank facing: West  
• Taxis on this rank are available for hire  
• Taxis must not be left unattended on this rank  
• Taxis must not wait or queue outside of the designated rank

LEGEND

Existing road marking	Proposed build-out / island	BB	Proposed bellisha beacon	Proposed traffic signal
Existing kerb	Proposed shared use footway	W	Proposed wand	Proposed traffic signals equipment
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Proposed transition kerb	Proposed gully	B	Proposed bollard	
Proposed kerb	Proposed cycle stand			
Proposed delineator kerb	Proposed bus stop flag			

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LB of HAMMERSMITH & FULHAM  
CYCLE SUPERHIGHWAY 9  
A315 HAMMERSMITH ROAD  
CONCEPT DESIGN  
SECTION 16

Transport for London  
Surface Transport  
Road Space Management  
Outcomes Design Engineering  
Palestra  
197 Blackfriars Road  
London  
SE1 1BN

date	scale	dm	chk	app	sheet no
FEB 17	1:200 @ A1	JF	AO	KCL	0074 OF 0076

D3 | FOR CONTRACTOR DESIGN | P08

drawing No PJ549C-RSM-PRD-11-DR-TE-58-76-0074

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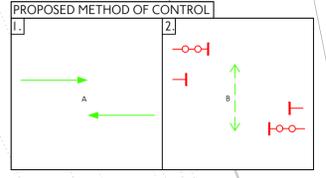
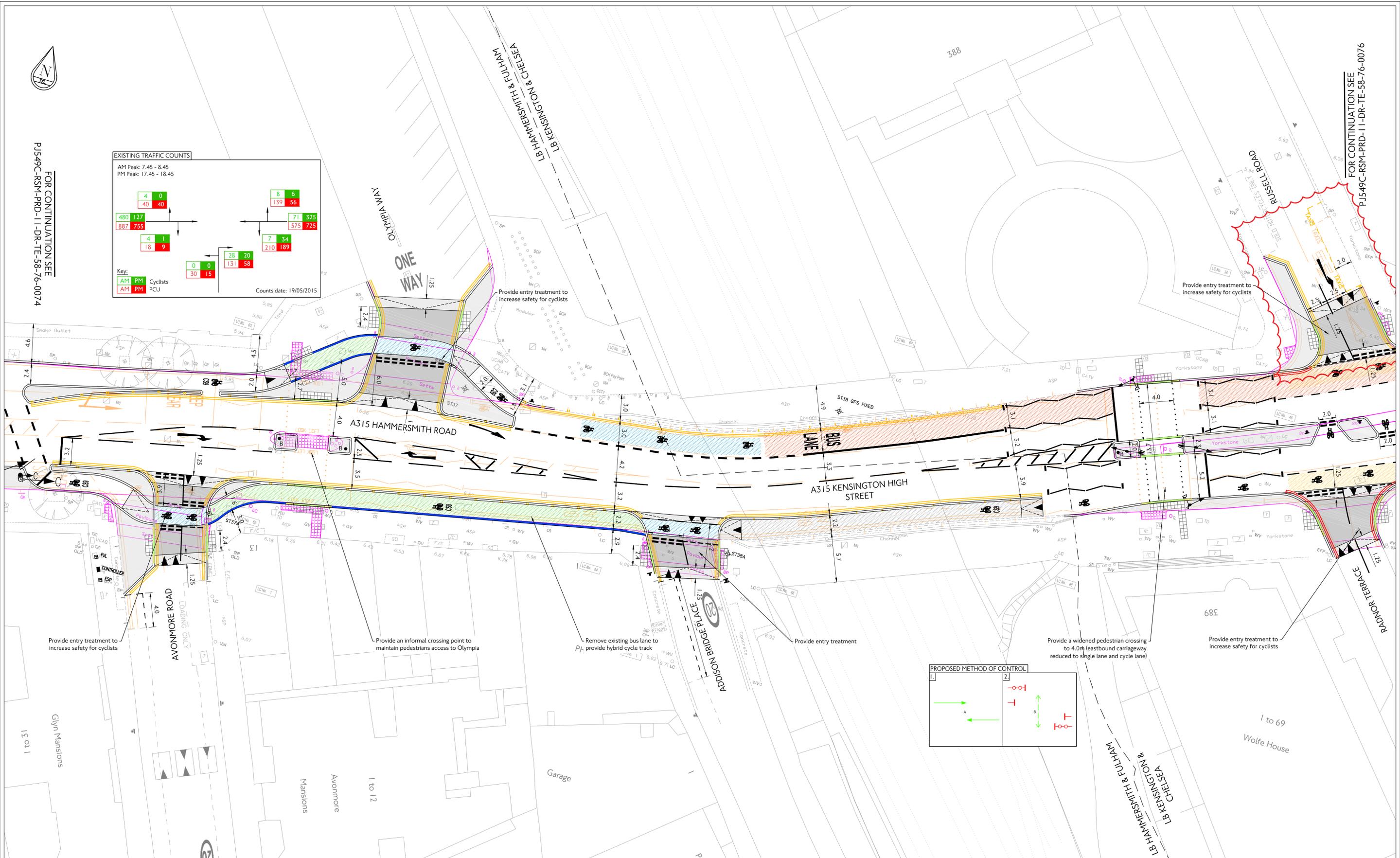
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FOR CONTINUATION SEE

**EXISTING TRAFFIC COUNTS**  
AM Peak: 7.45 - 8.45  
PM Peak: 17.45 - 18.45

4	0	8	6
40	40	139	56
480	127	71	325
887	755	575	725
4	1	7	34
18	9	210	189
0	0	28	20
30	15	131	58

Key:  
AM PM Cyclists  
AM PM PCU

Counts date: 19/05/2015



**LEGEND**

Existing road marking	Proposed build-out / island	BB • Proposed bellisha beacon	Proposed traffic signal
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Surface Transport

**Road Space Management**  
Outcomes Design Engineering

Palestra  
197 Blackfriars Road  
London  
SE1 1BN

date: FEB 17  
scale: 1:200 @ A1  
drawing No: PJ549C-RSM-PRD-11-DR-TE-58-76-0075

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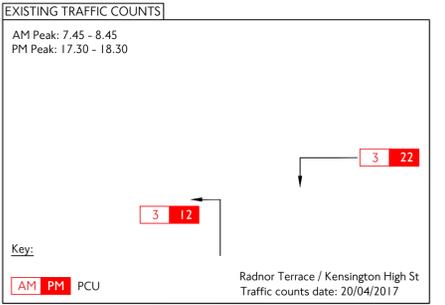
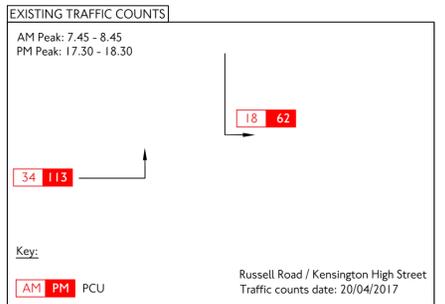
sheet no: 0075 OF 0076  
revision: 00

P08

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PJ549C-RSM-PRD-11-DR-TE-58-76-0075  
FOR CONTINUATION SEE



Buff surfacing to be provided to match LB Kensington & Chelsea streetscape guidance

382 Royal Borough of Kensington & Chelsea will undertake these works under S278 Quietway scheme

Provide gap in traffic island to facilitate cycle connection to Russell Road

Proposed markings to tie-in to A3220 Warwick Road / Kensington High Street scheme

**LEGEND**

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- All designs to be in accordance with TfL and appropriate Highway Authority Streetscape Guidance.
  - All lining and signing to be in accordance with the current Traffic Signs Regulations and General Directions (TSRGD).
  - All dimensions in metres, unless otherwise stated.
  - All signs to be mounted on existing lighting columns / sign posts where possible (subject to structural assessment)
  - Signs on footway to be mounted at a height to ensure a minimum vertical clearance of 2.3m to bottom of sign where cycling is permitted on the footway, elsewhere to 2.1m.
  - All signs to have a minimum horizontal clearance of 450mm from face of carriageway kerb or 250mm from face of cycle track kerb.
  - All sign heads to be mounted at a height to ensure minimum vertical clearance of 2.3m to bottom of signal head where cycling is permitted on the footway.
  - All existing signs & lines to be retained unless otherwise stated.
  - Critical dimensions to be checked at detailed design stage.
  - Lighting to be assessed at detailed design stage.
  - Proposed traffic signal positions and controller locations are indicative only and are subject to detailed signal design and signal audit.
  - Recessed covers to be considered for inspection chambers within areas of tactile paving.
  - Assess carriageway condition at detailed design stage.
  - Re-instate existing road markings adjacent to kerb and carriageway works.
  - Changes to drainage are subject to detail design.
  - Drawing is based on topographical survey carried out by third parties.
  - All retained gullies in cycle track to be converted to 'cycle friendly'.
  - Statutory Undertakers equipment that has been identified potentially affected by the scheme has been highlighted in pink. Further investigation should be made at Detailed Design.
  - All ramp lengths to be dictated by existing/proposed kerb heights.
  - All kerbs within cycle track are to be splayed (45°) where cycle track is at carriageway level.
  - All entry treatments to be 100mm high, gradient of ramp 1:10 max. Crossing area to be flush with carriageway.

**THESE DRAWINGS DO NOT SHOW THE FULL DETAIL OF THE PROPOSED SCHEME.**

**DRAINAGE INVESTIGATION AND DESIGN IS TO BE UNDERTAKEN AT DETAILED DESIGN STAGE.**

**TRAFFIC SIGNAL LOCATIONS ARE INDICATIVE. PLEASE REFER TO TRAFFIC SIGNALS DRAWINGS.**

**THE TOPOGRAPHICAL SURVEYS WERE DONE AT CONCEPT DESIGN STAGE. CHECKS SHOULD BE CARRIED OUT BEFORE DETAILED DESIGN COMMENCES.**

rev	date	details	dm	chk	app
P08	25.01.19	Concept Design package	JF	JA	KCL
P07.1	22.06.18	Issued for VISSIM Modelling	JF	JA	KCL
P07	28.03.18	Frozen design issued for modelling	JF	JA	KCL
P06	10.08.17	Issued following updated waiting restrictions	JF	AO	KCL
P05	17.07.17	Issued following comments from borough	JF	AO	KCL

rev	date	details	dm	chk	app
P04	07.07.17	Issued for VISSIM Modelling	JF	AO	KCL
P03	13.06.17	Issued for DRG review	JF	AO	KCL
P02	03.03.17	Issued for VISSIM Modelling	KH	AO	KCL
P01	01.02.17	Issued for ITAG review	JF	AO	KCL

LB of HAMMERSMITH & FULHAM  
CYCLE SUPERHIGHWAY 9  
A315 HAMMERSMITH ROAD  
CONCEPT DESIGN  
SECTION 16

Transport for London  
Surface Transport

**Road Space Management**  
Outcomes Design Engineering

Palestra  
197 Blackfriars Road  
London  
SE1 1BN

date FEB 17 scale 1:200 @ A1 dm JF chk AO app KCL sheet no 0076 OF 0076 suitability revision

D3 | FOR CONTRACTOR DESIGN | P08

drawing No PJ549C-RSM-PRD-11-DR-TE-58-76-0076

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