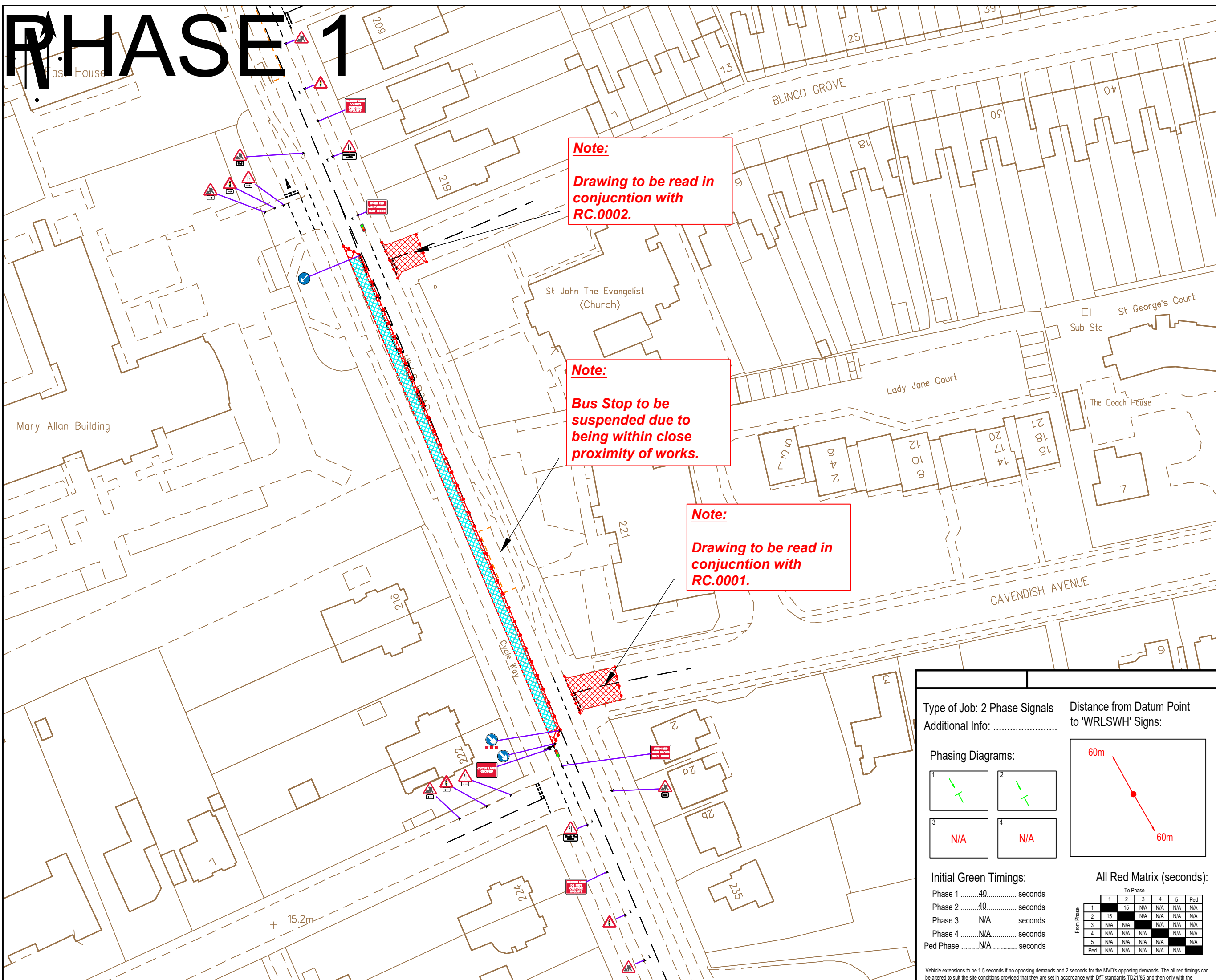


# PHASE 1

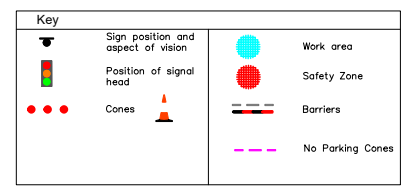
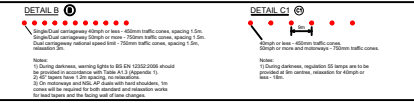


**Note:**  
Drawing to be read in conjunction with RC.0002.

**Note:**  
Bus Stop to be suspended due to being within close proximity of works.

**Note:**  
Drawing to be read in conjunction with RC.0001.

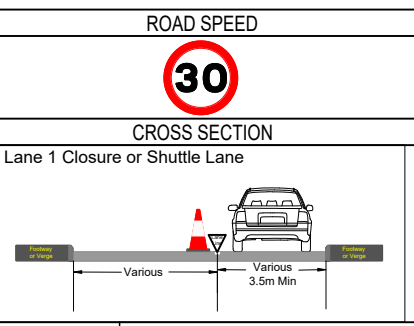
- Go Traffic Management
- This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management
- Risks:**
- Design completed from information provided + google maps desktop risk assessment
  - Cone lamps must be used on all road with A speed limit of 40mph or more.
- Notes:**
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
  - Distances between signs NOT to scale for purpose of clarity.
  - All sign placement subject to available safe working space.
  - The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
  - Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
  - Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.
  - Signs must be placed in accordance with TSM and the scheme RAMS pack.
  - Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.



MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m

MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

REV.	DATE	DESCRIPTION
A	REDATE	AS DRAWN

Type of Job: 2 Phase Signals  
Additional Info: .....

Distance from Datum Point to 'WRLSWH' Signs:  
60m

Phasing Diagrams:

1	2
3	4
N/A	N/A

Initial Green Timings:

Phase 1 ..... 40 ..... seconds  
Phase 2 ..... 40 ..... seconds  
Phase 3 ..... N/A ..... seconds  
Phase 4 ..... N/A ..... seconds  
Ped Phase ..... N/A ..... seconds

All Red Matrix (seconds):

From Phase	To Phase					Ped
	1	2	3	4	5	
1	15	N/A	N/A	N/A	N/A	N/A
2	15	N/A	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A	N/A	N/A
Ped	N/A	N/A	N/A	N/A	N/A	N/A

Vehicle extensions to be 1.5 seconds if no opposing demands and 2 seconds for the MVD's opposing demands. The all red timings can be altered to suit the site conditions provided that they are set in accordance with DfT standards TD21/85 and then only with the County/District Council's Engineer's approval.

**GTM**  
Go Traffic Management

Head Office: Go Traffic Management  
Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
www.gtm.co.uk

CERTIFIED  
ISO 9001:2015  
DMSAS 18001

**TRAFFIC MANAGEMENT PLAN**

Client: **BRM Utility Services**  
YOUR INFRASTRUCTURE PARTNER

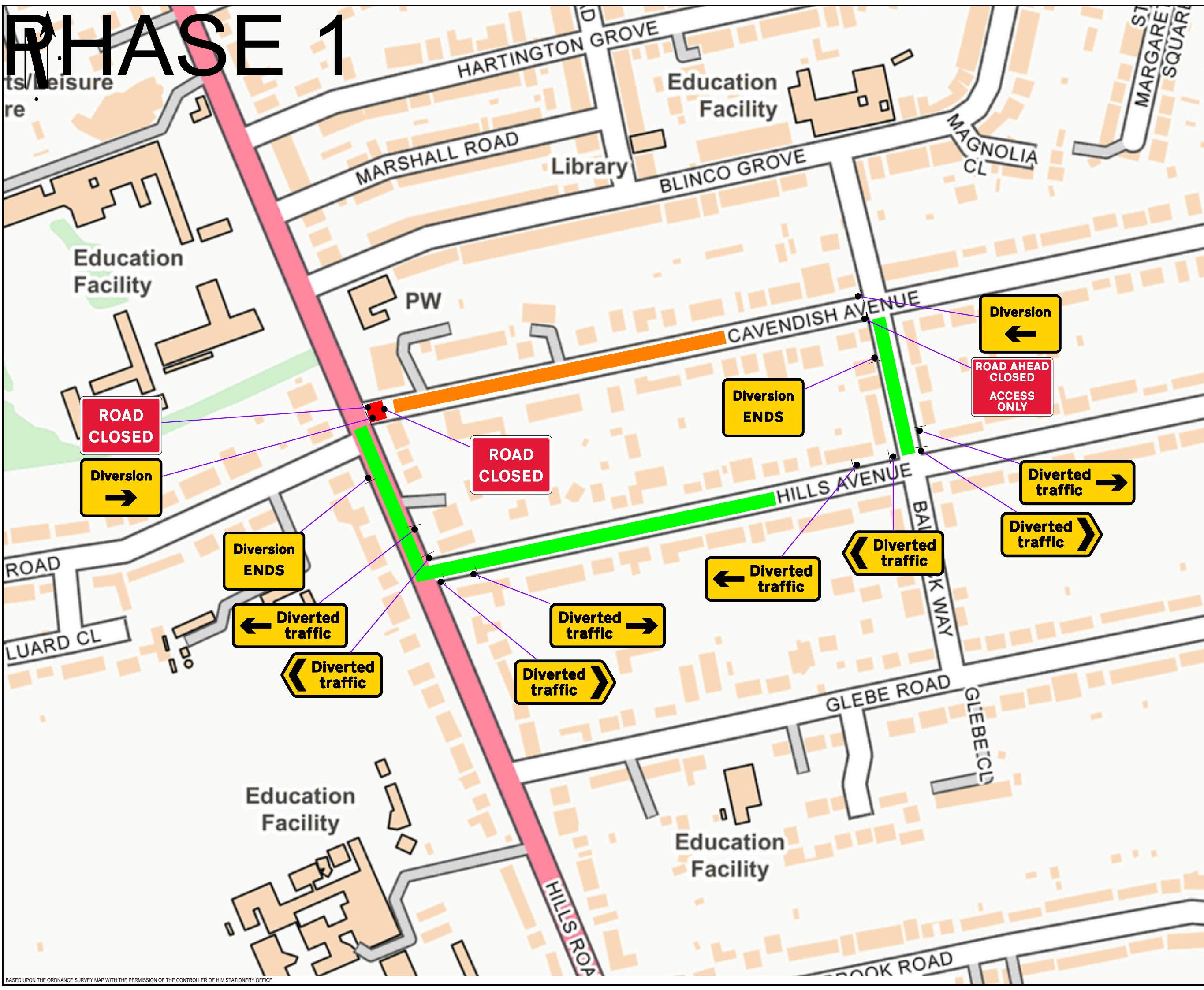
Drawing Number: 827981  
Drawing Title: Hills Rd, Cambridge CB2 8PQ  
TM1658-08

Name:	Design:	Technical Officer:	REV:
	A Humble	C MacKinnon	A

Date: 19/11/2023 19/11/2023



# PHASE 1



**Go Traffic Management**

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**Risks**

- Design completed from information provided + google maps desktop risk assessment
- Cone lamps must be used on all road with A speed limit of 40mph or more.

**Notes**

- All signs as per Chapter 8. Distances between cones to be 5m maximum unless otherwise noted.
- Distances between signs NOT to scale for purpose of clarity.
- All sign placement subject to available safe working space.
- The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
- Signs must be placed in accordance with TSM and the scheme RAMS pack.
- Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.

**Key**

	Sign position and aspect of vision		Road Closure
	Access Only		Diversion Route

**DRAWING TO BE READ IN CONJUNCTION WITH LIGHTS DRAWINGS**

**Specials:**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice

**ROAD SPEED**

**CROSS SECTION**

DO NOT SCALE FROM THIS DRAWING

REV.	DATE	DESCRIPTION
A	REDATE	AS DRAWN

**GTM**  
Go Traffic Management

Head Office: Go Traffic Management  
Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
www.gtm.co.uk

**TRAFFIC MANAGEMENT PLAN**

**Client:**

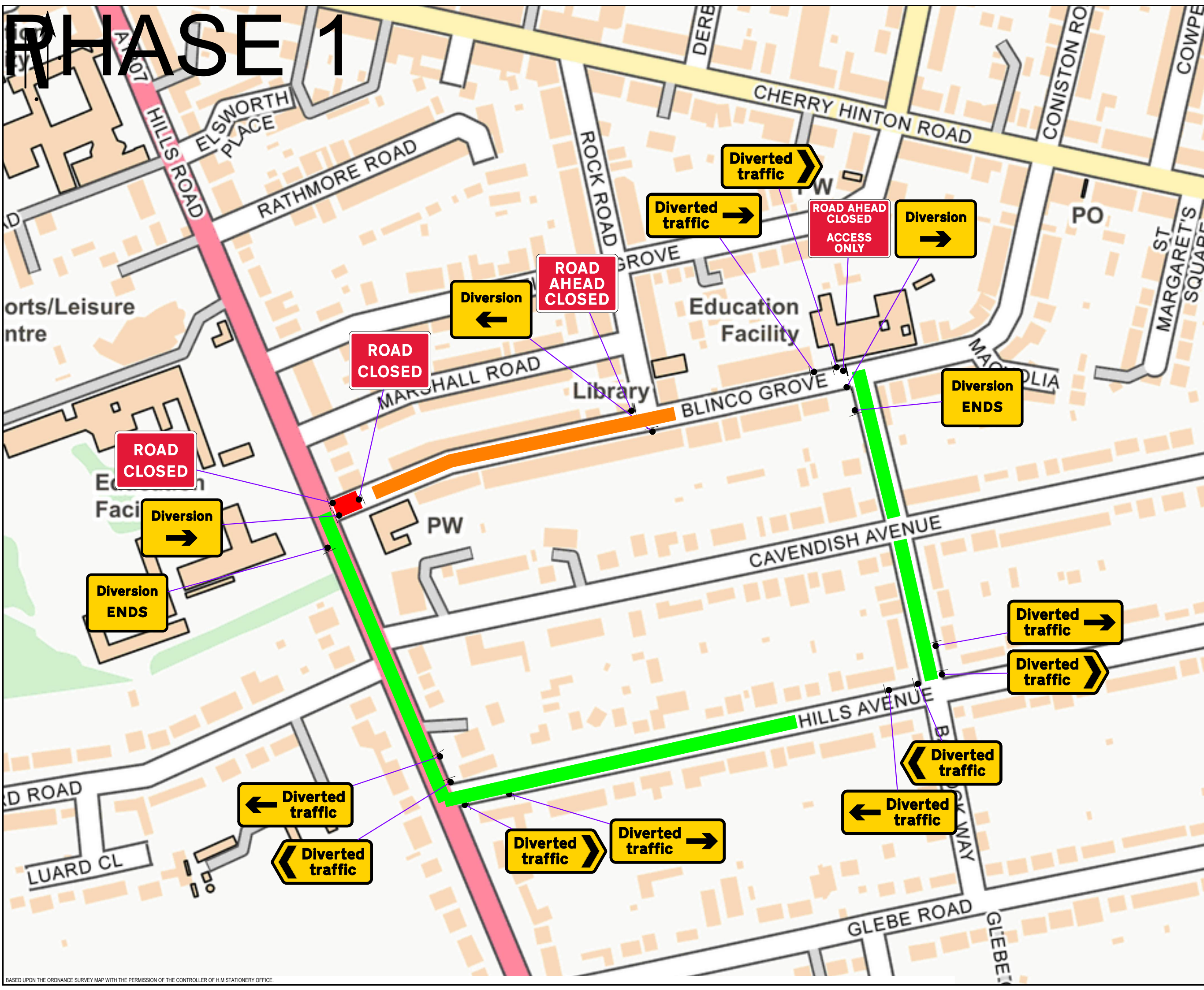
Drawing Number: 827981  
Drawing Title: Hills Rd, Cambridge CB2 8PQ  
TM1658-08

Name:	Design:	Technical Officer:	REV:
	A Humble	C MacKinnon	A
Signature:			
Date:	19/11/2023	19/11/2023	

BASED UPON THE ORDNANCE SURVEY MAP WITH THE PERMISSION OF THE CONTROLLER OF H.M. STATIONERY OFFICE



# PHASE 1



**Go Traffic Management**

This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management

**Risks**

- Design completed from information provided + google maps desktop risk assessment
- Cone lamps must be used on all road with A speed limit of 40mph or more.

**Notes**

- All signs as per Chapter 8. Distances between cones to be 5m maximum unless otherwise noted.
- Distances between signs NOT to scale for purpose of clarity.
- All sign placement subject to available safe working space.
- The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
- Signs must be placed in accordance with TSM and the scheme RAMS pack.
- Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.

**Key**

	Sign position and aspect of vision		Road Closure
	Diversion		Access Only
	Diverted traffic		Diversion Route

**DRAWING TO BE READ IN CONJUNCTION WITH LIGHTS DRAWINGS**

**Specials:**

**ADVANCE WARNING**  
THIS ROAD WILL BE CLOSED XX/XX/XX FOR XX DAY(S) FOLLOW DIVERSION

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice

**ROAD SPEED**

**CROSS SECTION**

DO NOT SCALE FROM THIS DRAWING

REV.	DATE	DESCRIPTION
A		AS DRAWN

**GTM**  
Go Traffic Management

Head Office: Go Traffic Management  
Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
www.gtm.co.uk

**TRAFFIC MANAGEMENT PLAN**

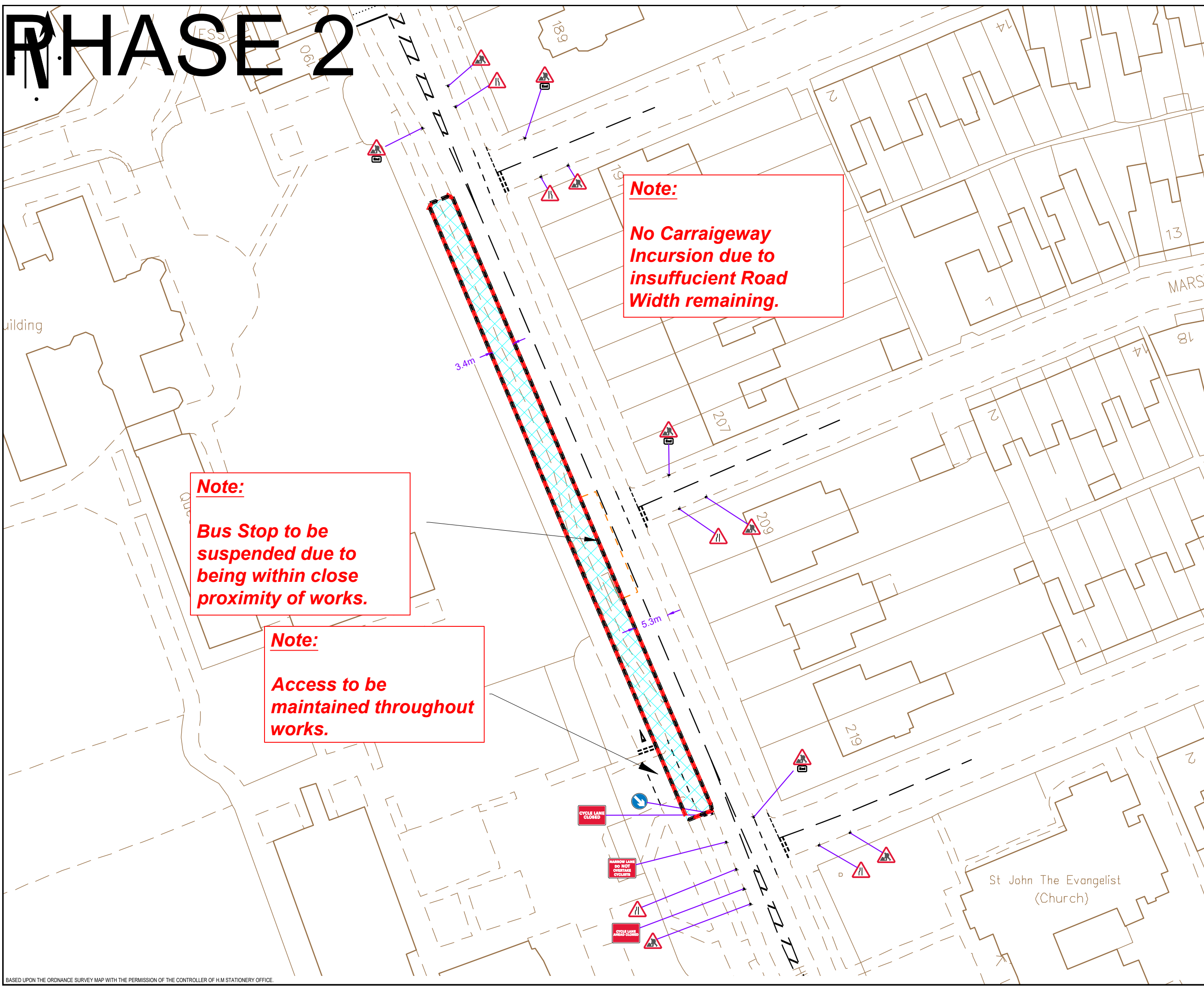
Client:

Drawing Number: 827981  
Hills Rd, Cambridge CB2 8PQ  
TM1658-08

Name:	Design:	Technical Officer:	REV:
	A Humble	C MacKinnon	
Signature:			A
Date:	19/11/2023	19/11/2023	



# PHASE 2



**Note:**  
**No Carraigeway Incursion due to insufficient Road Width remaining.**

**Note:**  
**Bus Stop to be suspended due to being within close proximity of works.**

**Note:**  
**Access to be maintained throughout works.**

**Go Traffic Management**

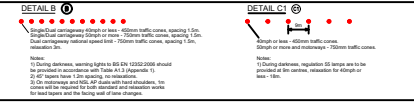
This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management

**Risks**

- Design completed from information provided - google maps desktop risk assessment
- Cone lamps must be used on all road with A speed limit of 40mph or more.

**Notes**

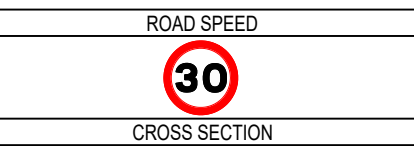
- All signs as per Chapter 8. Distances between cones to be 5m maximum unless otherwise noted.
- Distances between signs NOT to scale for purpose of clarity.
- All sign placement subject to available safe working space.
- The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
- Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
- Signs must be placed in accordance with TSM and the scheme RAMS pack.
- Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

REV.	DATE	DESCRIPTION
A	REDATE	AS DRAWN

**GTM**  
**Go Traffic Management**

Head Office: Go Traffic Management,  
 Chaddock Lane, Worsley, Manchester, M28 1XW

Tel: 0161 351 5370  
[www.gtm.co.uk](http://www.gtm.co.uk)

**CERTIFIED**  
 ISO 9001 - ISO 14001  
 OHSAS 18001

**TRAFFIC MANAGEMENT PLAN**

**Client:**

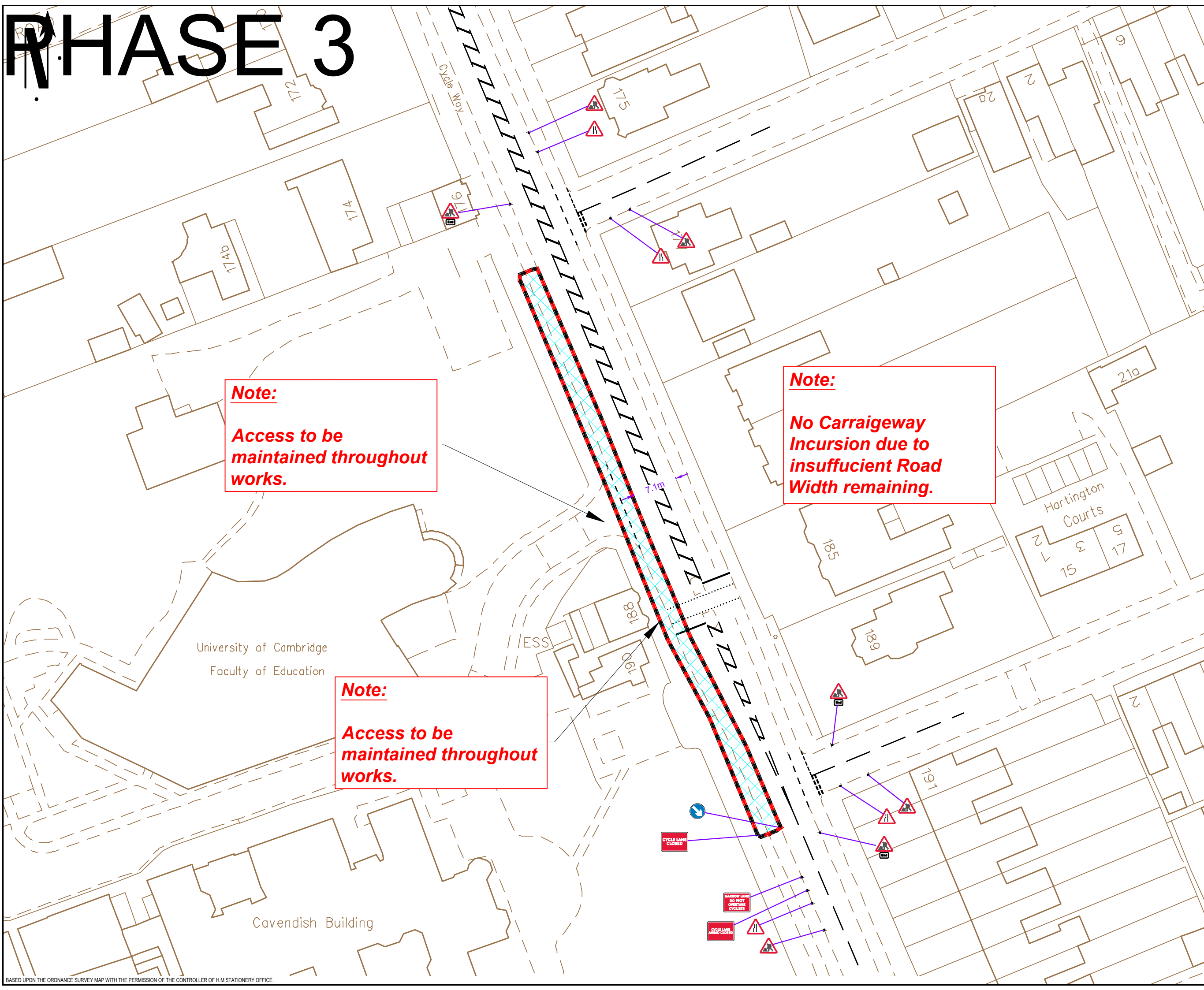
**Drawing Number:** 827981.0024

**Drawing Title:**  
 Hills Rd, Cambridge CB2 8PQ  
 TM1658-08

Name:	Design:	Technical Officer:	REV:
	A Humble	H Barmsey	A
<b>Signature:</b>			
<b>Date:</b>	17/01/2024	17/01/2024	



# PHASE 3



**Note:**  
Access to be maintained throughout works.

**Note:**  
No Carraigeway Incursion due to insufficient Road Width remaining.

**Note:**  
Access to be maintained throughout works.

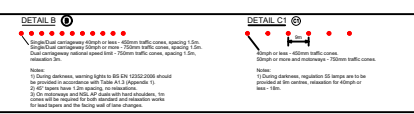
**Go Traffic Management**  
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**Risks**

- Design completed from information provided + google maps desktop risk assessment
- Cone lamps must be used on all road with A speed limit of 40mph or more.

**Notes**

- All signs as per Chapter 8. Distances between cones to be 5m maximum unless otherwise noted.
- Distances between signs NOT to scale for purpose of clarity.
- All sign placement subject to available safe working space.
- The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
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- Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

A	REVDATE	AS DRAWN
REV.	DATE	DESCRIPTION

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Go Traffic Management

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Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
www.gtm.co.uk

**CERTIFIED**

**TRAFFIC MANAGEMENT PLAN**

**Client:**  
BRM Utility Services  
YOUR INFRASTRUCTURE PARTNER

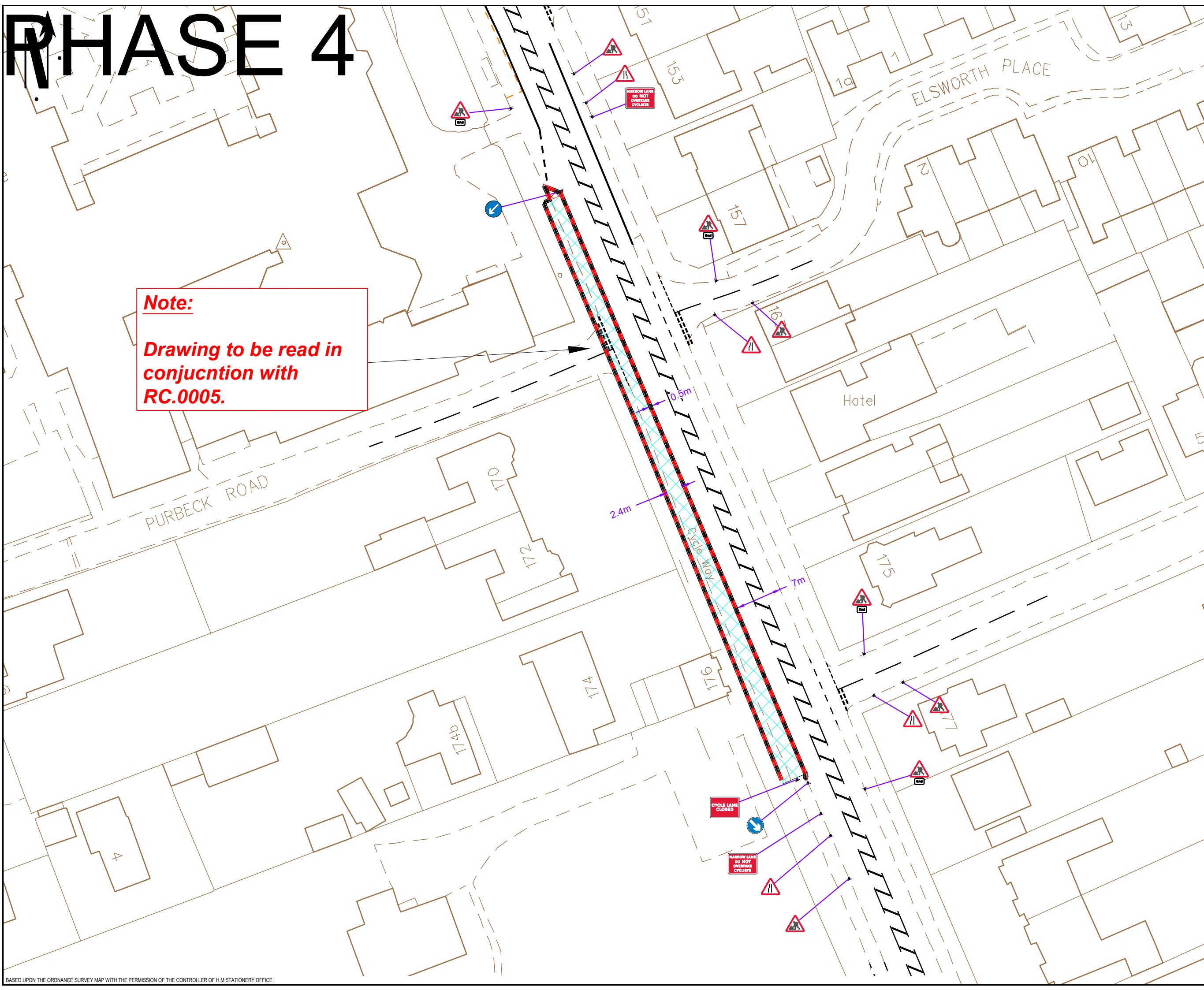
**Drawing Number:** 827981.0025  
**Drawing Title:** Hills Rd, Cambridge CB2 8PQ  
TM1658-08

Name:	Design:	Technical Officer:	REV:
Signature:	A Hummable	H Bamsey	A
Date:	17/01/2024	17/01/2024	



# PHASE 4

**Note:**  
**Drawing to be read in conjunction with RC.0005.**



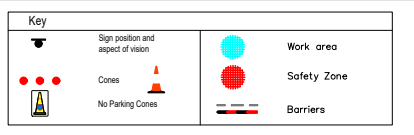
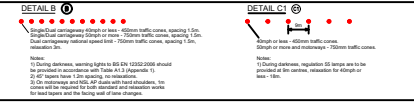
**Go Traffic Management**  
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**Risks**

- Design completed from information provided - google maps desktop risk assessment
- Cone lamps must be used on all road with A speed limit of 40mph or more.

**Notes**

- All signs as per Chapter 8. Distances between cones to be 5m maximum unless otherwise noted.
- Distances between signs NOT to scale for purpose of clarity.
- All sign placement subject to available safe working space.
- The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
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- Signs must be placed in accordance with TSM and the scheme RAMS pack.
- Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO**     **MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

REV.	DATE	DESCRIPTION
A	REVDATE	AS DRAWN

**GTM**  
 Go Traffic Management

Head Office: Go Traffic Management,  
 Chaddock Lane, Worsley, Manchester, M28 1XW  
 Tel: 0161 351 5370  
[www.gtm.co.uk](http://www.gtm.co.uk)

**CERTIFIED**

**TRAFFIC MANAGEMENT PLAN**

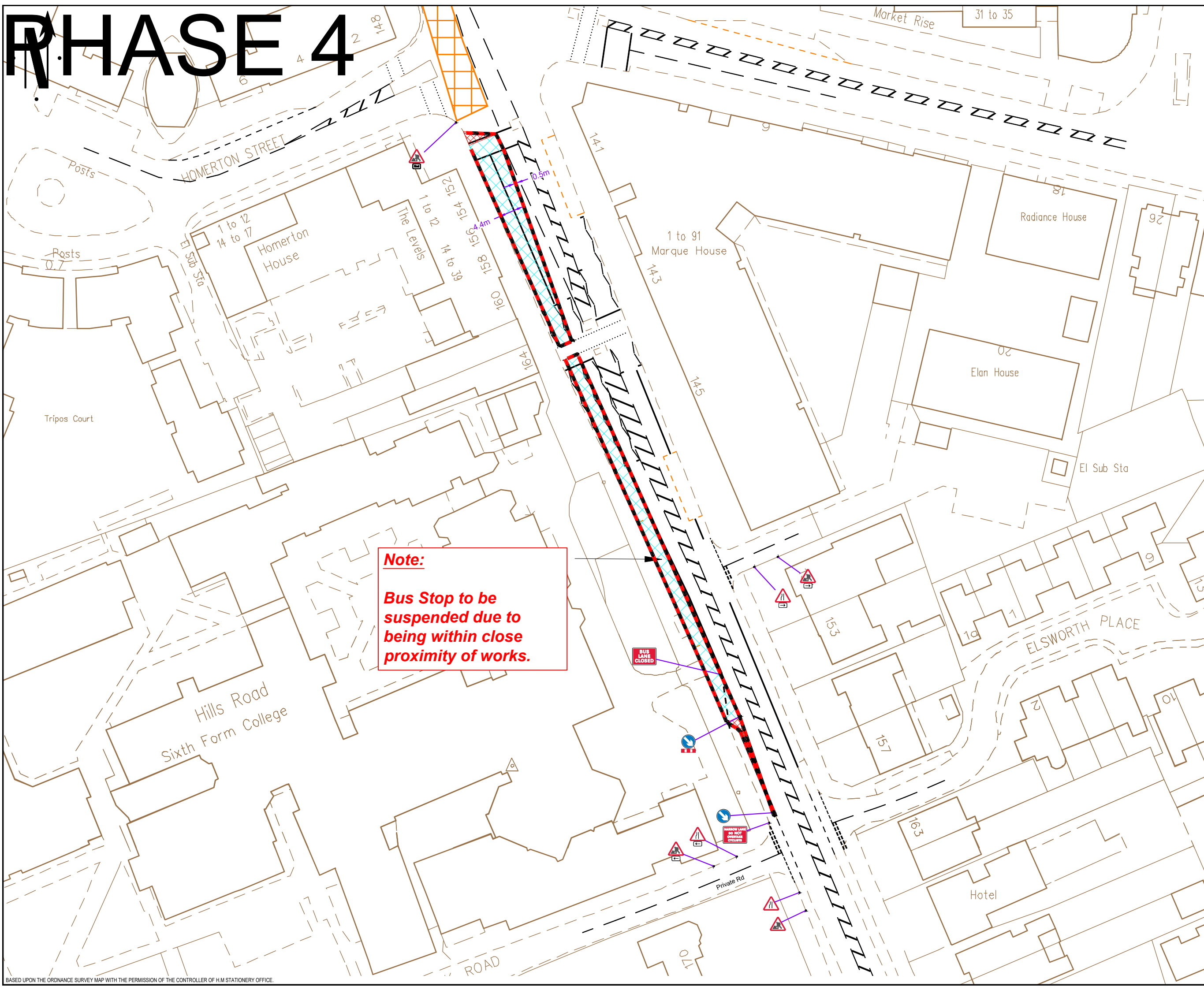
**Client:**

**Drawing Number:** 827981.0026  
**Hills Rd, Cambridge CB2 8PQ**  
 TM1658-08

Name:	Design:	Technical Officer:	REV:
Signature:	A Humble	H Barsey	A
Date:	17/01/2024	17/01/2024	



# PHASE 4



**Note:**  
 Bus Stop to be suspended due to being within close proximity of works.

**Go Traffic Management**

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**Risks**

- Design completed from information provided + google maps desktop risk assessment
- Cone lamps must be used on all road with A speed limit of 40mph or more.

**Notes**

- All signs as per Chapter 8. Distances between cones to be 5m maximum unless otherwise noted.
- Distances between signs NOT to scale for purpose of clarity.
- All sign placement subject to available safe working space.
- The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
- Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
- Signs must be placed in accordance with TSM and the scheme RAMS pack.
- Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.

**DETAIL B** **DETAIL C1**

**Key**

- Sign position and aspect of vision
- Work area
- Cones
- Safety Zone
- No Parking Cones
- Barriers

**MINIMUM SAFETY ZONE MUST BE ADHERED TO** **MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice

**ROAD SPEED**

**30**

**CROSS SECTION**

DO NOT SCALE FROM THIS DRAWING

REV.	DATE	DESCRIPTION
A	REDATE	AS DRAWN

**GTM**  
 Go Traffic Management

Head Office: Go Traffic Management, Chaddock Lane, Worsley, Manchester, M28 1XW  
 Tel: 0161 351 5370  
 www.gtm.co.uk

**TRAFFIC MANAGEMENT PLAN**

**Client:**

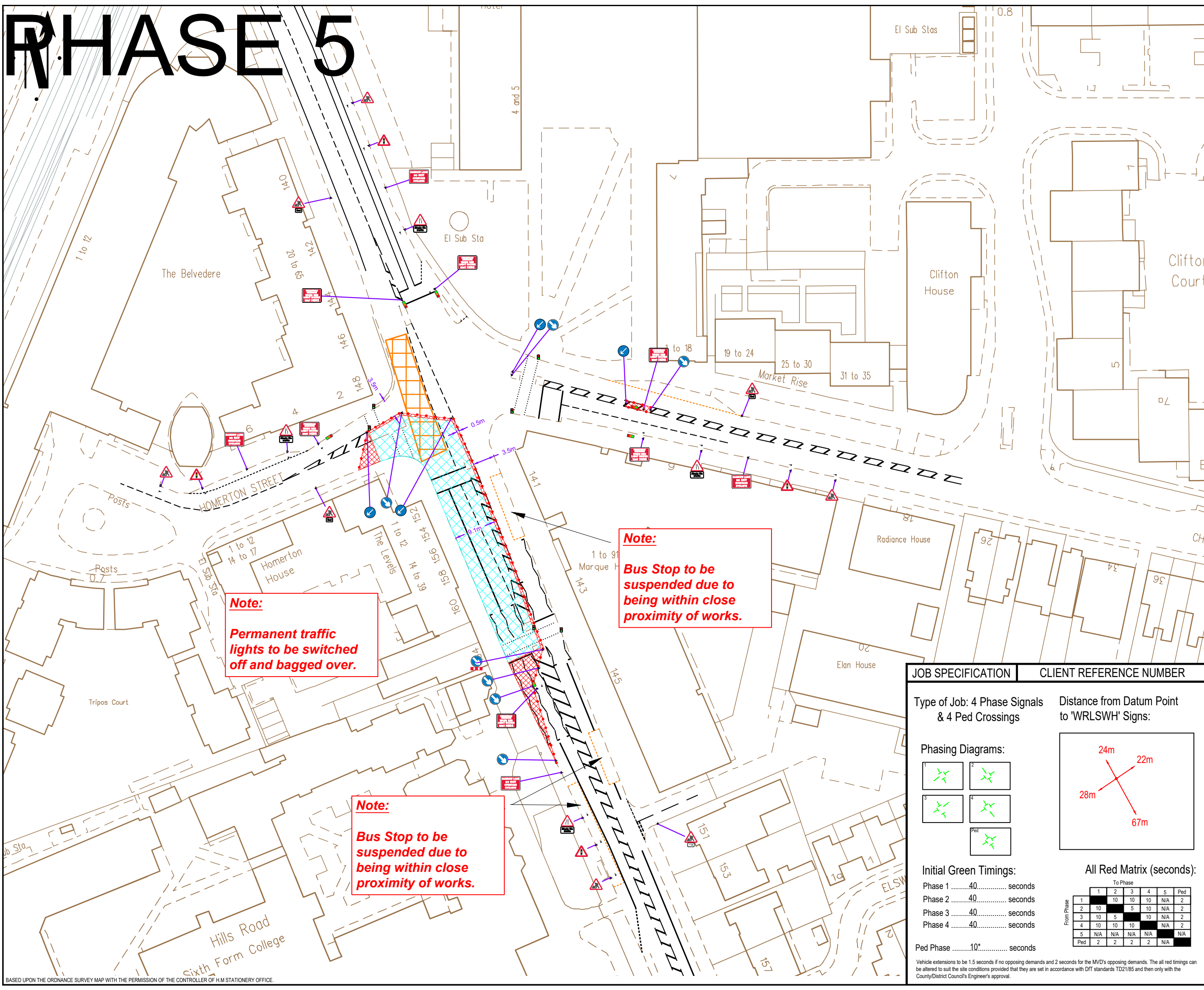
**Drawing Number:** 827981.0027  
**Drawing Title:** Hills Rd, Cambridge CB2 8PQ  
 TM1658-08

Name:	Design:	Technical Officer:	REV:
	A Humble	H Barmsey	A
<b>Signature:</b>			
<b>Date:</b>	17/01/2024	17/01/2024	

BASED UPON THE ORDNANCE SURVEY MAP WITH THE PERMISSION OF THE CONTROLLER OF H.M. STATIONERY OFFICE



# PHASE 5

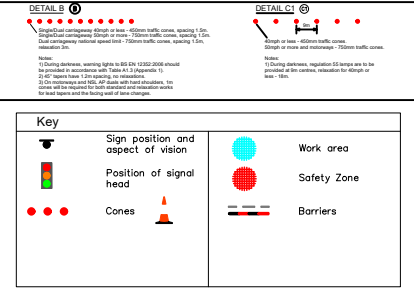


**Note:**  
Permanent traffic lights to be switched off and bagged over.

**Note:**  
Bus Stop to be suspended due to being within close proximity of works.

**Note:**  
Bus Stop to be suspended due to being within close proximity of works.

- Go Traffic Management**
- This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management
- Risks**
- Design completed from information provided + google maps desktop risk assessment
  - Cone lamps must be used on all road with A speed limit of 40mph or more.
- Notes**
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
  - Distances between signs NOT to scale for purpose of clarity.
  - All sign placement subject to available safe working space.
  - The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
  - Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
  - Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.
  - Signs must be placed in accordance with TSM and the scheme RAMS pack.
  - Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

REV.	DATE	DESCRIPTION
A	REDATE	AS DRAWN

**JOB SPECIFICATION**      **CLIENT REFERENCE NUMBER**

Type of Job: 4 Phase Signals & 4 Ped Crossings      Distance from Datum Point to 'WRLSWH' Signs:

**Phasing Diagrams:**

**Initial Green Timings:**

Phase 1 ..... 40 ..... seconds  
 Phase 2 ..... 40 ..... seconds  
 Phase 3 ..... 40 ..... seconds  
 Phase 4 ..... 40 ..... seconds  
 Ped Phase ..... 10\* ..... seconds

**All Red Matrix (seconds):**

From Phase	To Phase	1	2	3	4	5	Ped
1	2	10	10	10	N/A	N/A	2
2	10	5	10	N/A	N/A	2	
3	10	5	10	N/A	N/A	2	
4	10	10	10	N/A	N/A	2	
5	N/A	N/A	N/A	N/A	N/A	N/A	
Ped	2	2	2	2	2	N/A	

Vehicle extensions to be 1.5 seconds if no opposing demands and 2 seconds for the MVD's opposing demands. The all red timings can be altered to suit the site conditions provided that they are set in accordance with DfT standards TDZ1/85 and then only with the County/District Council's Engineer's approval.

**GTM**  
Go Traffic Management

Head Office: Go Traffic Management,  
Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
www.gtm.co.uk

**TRAFFIC MANAGEMENT PLAN**

**Client:** BRM Utility Services

Drawing Number: 827981.0007A

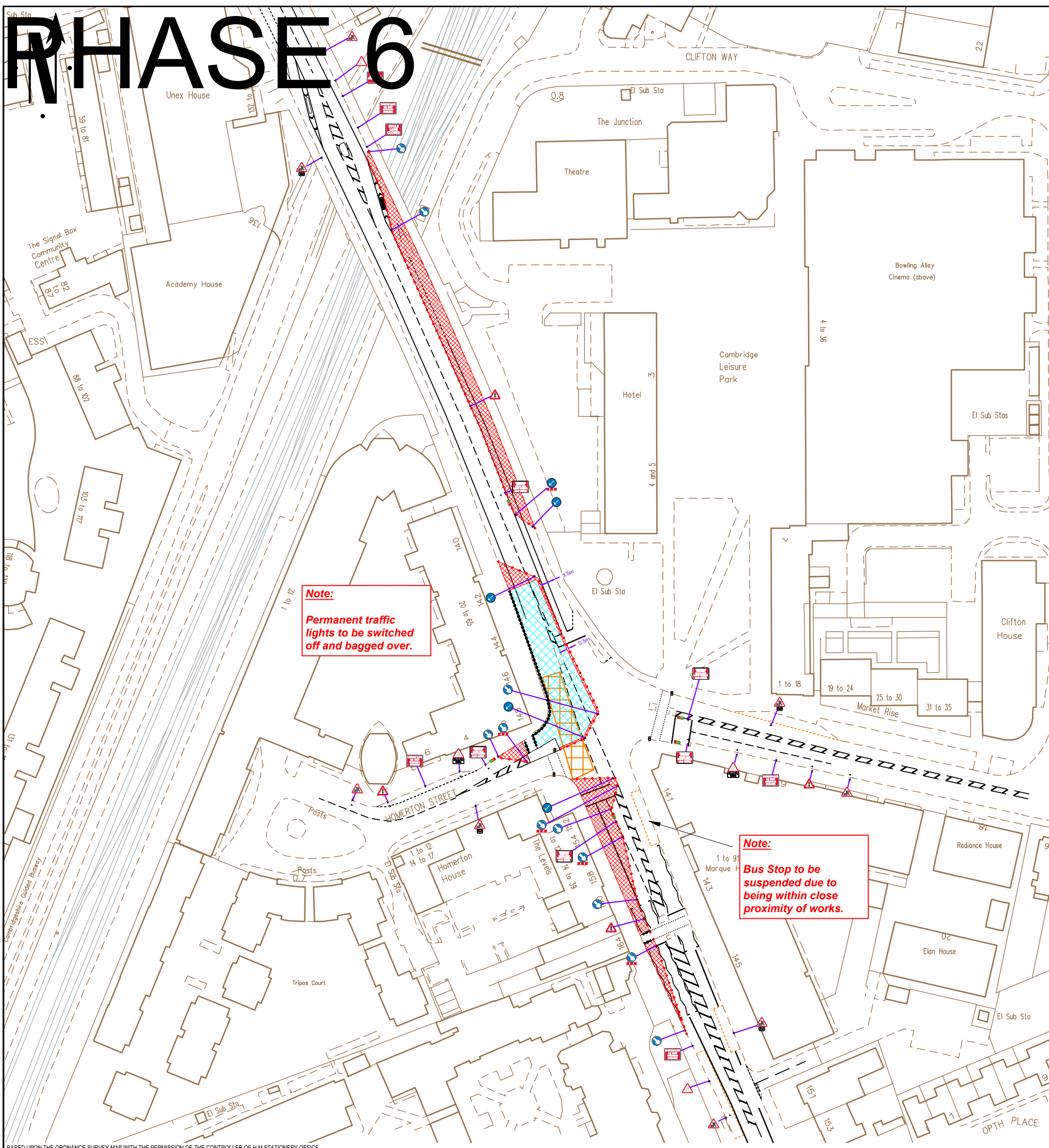
Drawing Title: Hills Rd, Cambridge CB2 8PQ

TM1658-08

Name:	Design:	Technical Officer:	REV:
	A.Humble		A
<b>Signature:</b>			
<b>Date:</b>	19/11/2023	19/11/2023	



# PHASE 6



**Note:**  
Permanent traffic lights to be switched off and bagged over.

**Note:**  
Bus Stop to be suspended due to being within close proximity of works.

- ### Go Traffic Management
- This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management
- Risks:**
- Design completed from information provided + google maps desktop risk assessment
  - Cone lamps must be used on all road with A speed limit of 40mph or more.
- Notes:**
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
  - Distances between signs NOT to scale for purpose of clarity.
  - All sign placement subject to available safe working space.
  - The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
  - Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
  - Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.
  - Signs must be placed in accordance with TSM and the scheme RAMS pack.
  - Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.

**Key**

- Sign position and aspect of vision
- Position of signal head
- Cones
- Work area
- Safety Zone
- Barriers

**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice

**ROAD SPEED**

**30**

**CROSS SECTION**

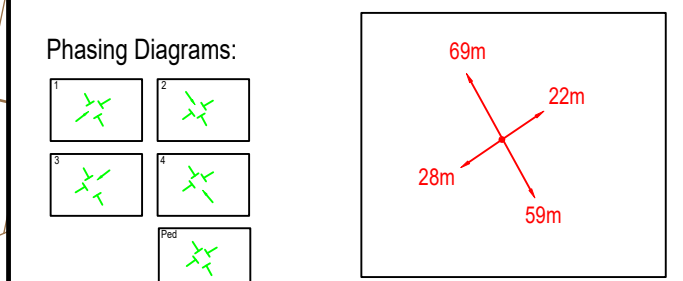
DO NOT SCALE FROM THIS DRAWING

REV.	DATE	DESCRIPTION
A	RE/DATE	AS DRAWN

## JOB SPECIFICATION CLIENT REFERENCE NUMBER

Type of Job: 4 Phase Signals & 4 Ped Crossings

Distance from Datum Point to 'WRLSWH' Signs:



**Phasing Diagrams:**

**Initial Green Timings:**

Phase 1 .....40..... seconds

Phase 2 .....40..... seconds

Phase 3 .....40..... seconds

Phase 4 .....40..... seconds

**All Red Matrix (seconds):**

		To Phase					Ped
		1	2	3	4	5	
From Phase	1	15	5	10	N/A	2	
	2	15	15	15	N/A	2	
	3	5	15	10	N/A	2	
	4	N/A	15	10	N/A	2	
	5	N/A	N/A	N/A	N/A	N/A	
Ped	2	2	2	2	N/A		

**Ped Phase .....10\*..... seconds**

Vehicle extensions to be 1.5 seconds if no opposing demands and 2 seconds for the MVD's opposing demands. The all red timings can be altered to suit the site conditions provided that they are set in accordance with DTI standards TD21/85 and then only with the County/District Council's Engineer's approval.

**GTM**  
Go Traffic Management

Head Office: Go Traffic Management, Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
www.gtm.co.uk

**TRAFFIC MANAGEMENT PLAN**

**Client:** BRM Utility Services

Drawing Number: 827981.0007A

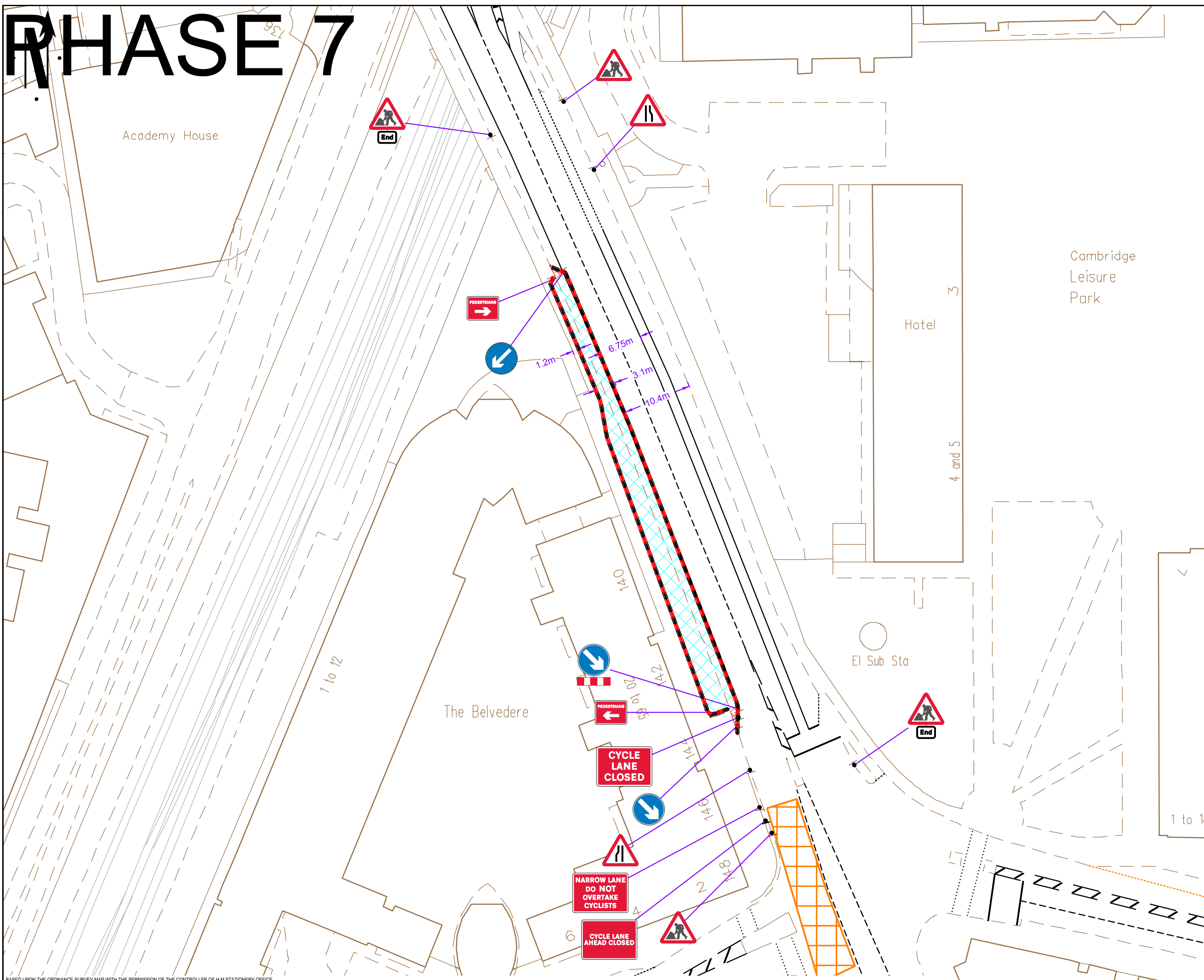
Drawing Title: Hills Rd, Cambridge CB2 8PQ

TM1658-08

Name:	Design:	Technical Officer:	REV:
	A.Humble		A
Signature:			
Date:	19/11/2023	19/11/2023	



# PHASE 7



**Go Traffic Management**

This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management

**Risks**

- Design completed from information provided + google maps desktop risk assessment
- Cone lamps must be used on all road with A speed limit of 40mph or more.

**Notes**

- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
- Distances between signs NOT to scale for purpose of clarity.
- All sign placement subject to available safe working space.
- The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
- Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
- Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.
- Signs must be placed in accordance with TSM and the scheme RAMS pack.
- Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.

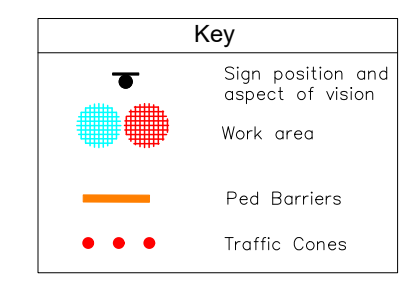
**DETAILS**

1. Signpost for changing direction of travel - 400mm width, spaced 1.5m. 2. Pedestrian crossing - 400mm width, spaced 1.5m. 3. Cycle lane - 400mm width, spaced 1.5m. 4. Pedestrian crossing - 400mm width, spaced 1.5m. 5. Cycle lane - 400mm width, spaced 1.5m.

**Notes:**

1. Drawing reference, working signs to BS EN 12289-2:2004 should be provided wherever possible. Signs to be placed in accordance with the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.

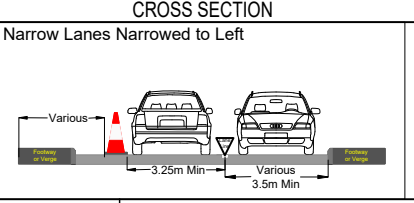
2. For road works and the working width of the road.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

ROAD NARROWS	
A	REVDATE AS DRAWN
REV.	DATE DESCRIPTION

**GTM**  
Go Traffic Management

Head Office: Go Traffic Management, Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
www.gtm.co.uk

**CERTIFIED**  
ISO 9001:2015  
OHSAS 18001

**TRAFFIC MANAGEMENT PLAN**

Client: **BRM Utility Services**  
YOUR INFRASTRUCTURE PARTNER

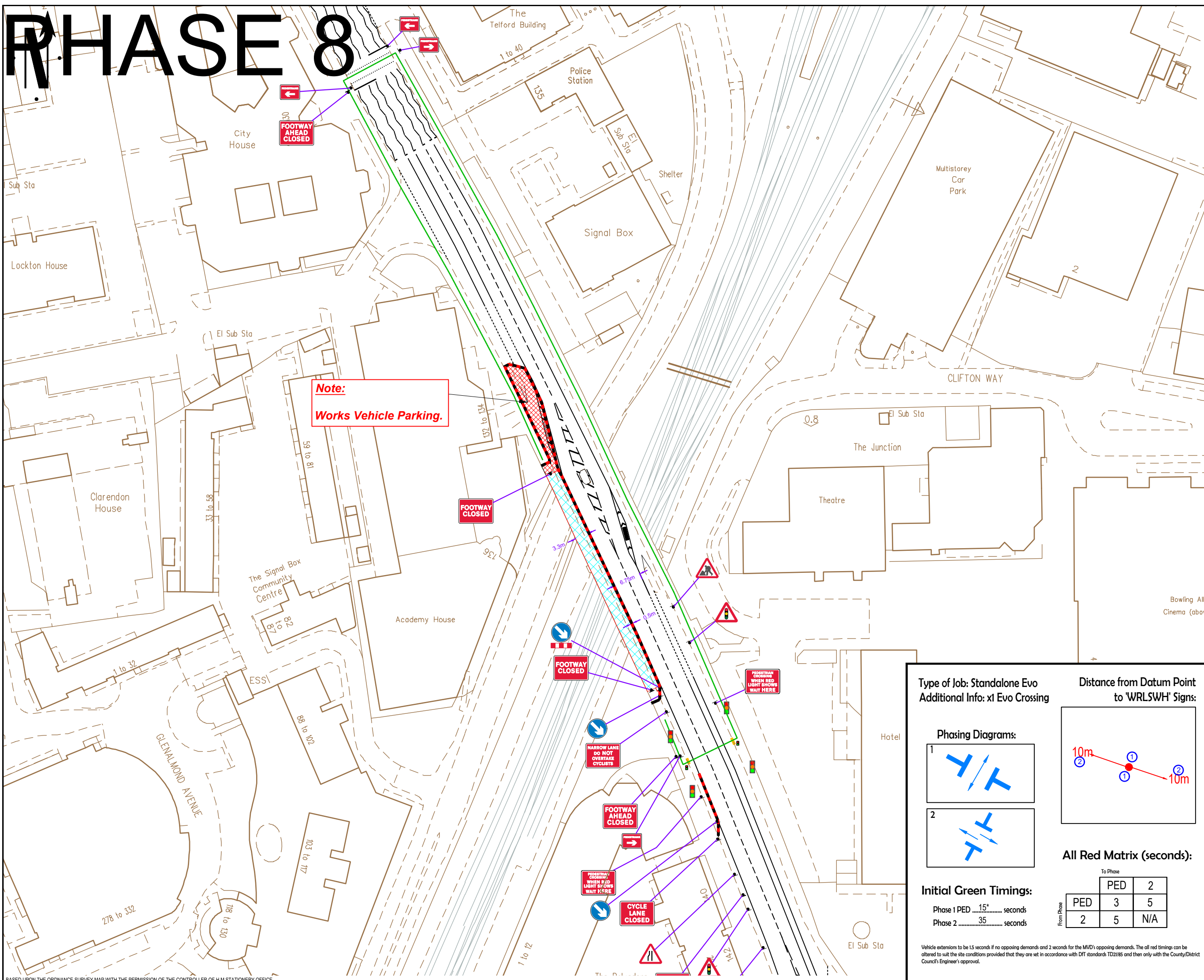
Drawing Number: 827981.0029  
Drawing Title: Hills Rd, Cambridge CB2 8PQ  
TM1658-08

Name:	Design:	Technical Officer:	REV:
Signature:	H.Barnes	A.Hunnable	A
Date:	17.01.24	17.01.24	

BASED UPON THE ORDNANCE SURVEY MAP WITH THE PERMISSION OF THE CONTROLLER OF H.M. STATIONERY OFFICE

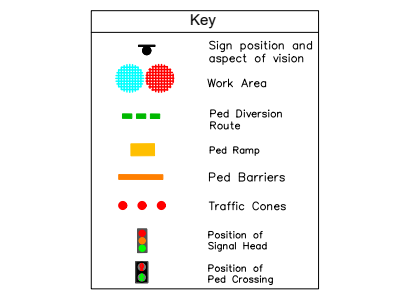
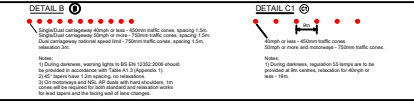


# PHASE 8



**Note:**  
Works Vehicle Parking.

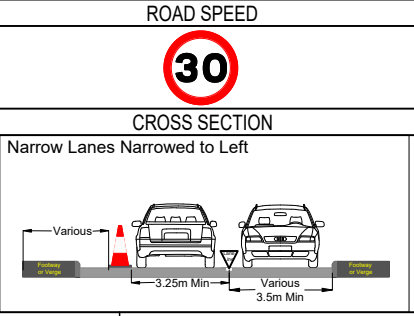
- Go Traffic Management**
- This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management
- Risks:**
- Design completed from information provided + google maps desktop risk assessment
  - Cone lamps must be used on all road with A speed limit of 40mph or more.
- Notes:**
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
  - Distances between signs NOT to scale for purpose of clarity.
  - All sign placement subject to available safe working space.
  - The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
  - Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
  - Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.
  - Signs must be placed in accordance with TSM and the scheme RAMS pack.
  - Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

REV.	DATE	DESCRIPTION
A	REDATE	AS DRAWN

**Type of Job:** Standalone Evo  
**Additional Info:** x1 Evo Crossing

**Distance from Datum Point to 'WRLSWH' Signs:**

**Phasing Diagrams:**

**Initial Green Timings:**

Phase 1 PED .....15..... seconds  
Phase 2 .....35..... seconds

**All Red Matrix (seconds):**

From Phase	To Phase	
	PED	2
PED	3	5
2	5	N/A

**Vehicle extensions to be 15 seconds if no opposing demands and 2 seconds for the MVD's opposing demands. The all red timings can be altered to suit the site conditions provided that they are set in accordance with DfT standards TD21/85 and then only with the County/District Council's Engineer's approval.**

**GTM**  
Go Traffic Management

Head Office: Go Traffic Management,  
Chaddock Lane, Worsley, Manchester, M28 1XW

Tel: 0161 351 5370  
www.gtm.co.uk

**CERTIFIED**  
R  
ISO 9001:2015 (QMS)  
ISO 14001:2015 (EMS)

**TRAFFIC MANAGEMENT PLAN**

**Client:**

Drawing Number: 827981.0030

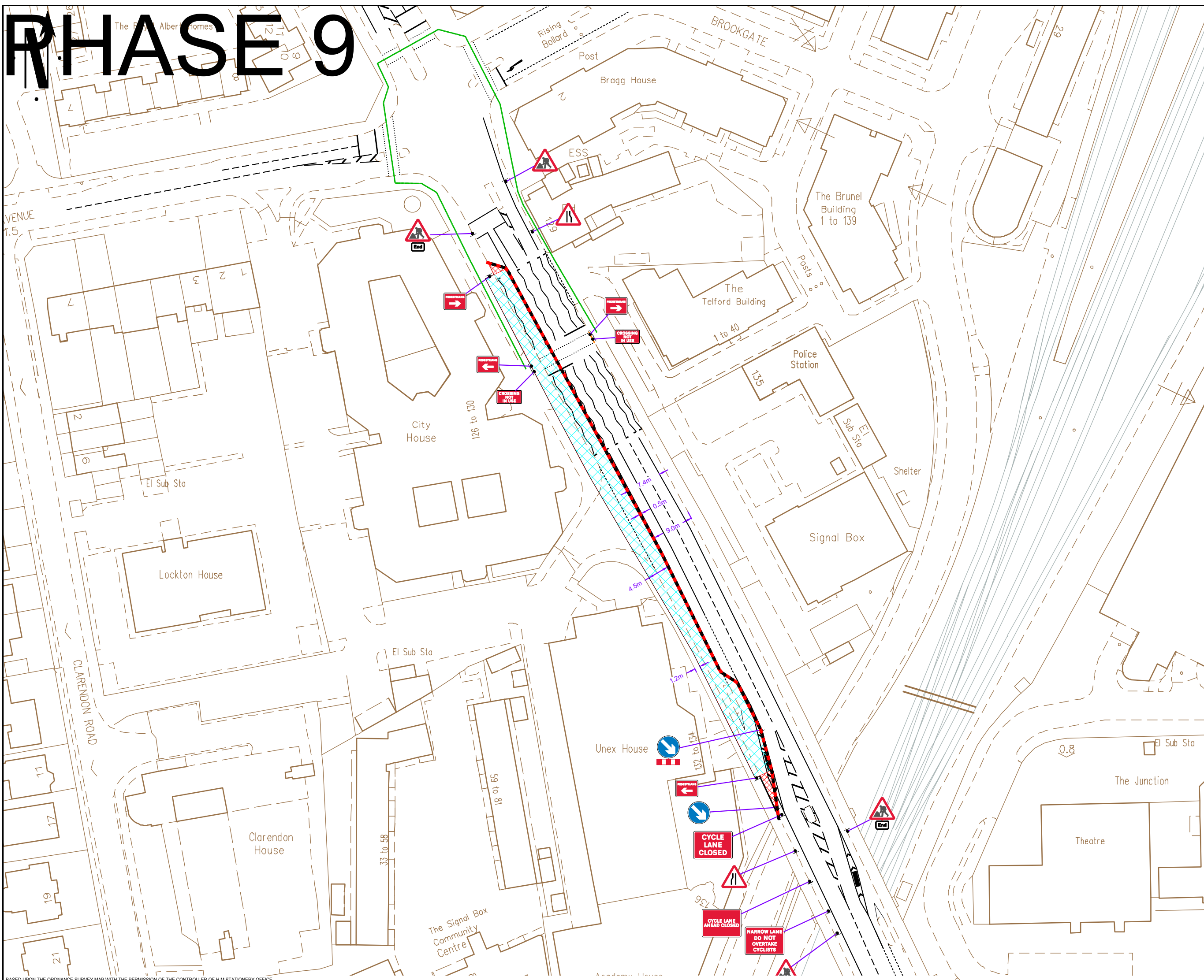
Drawing Title: Hills Rd, Cambridge CB2 8PQ

TM1658-08

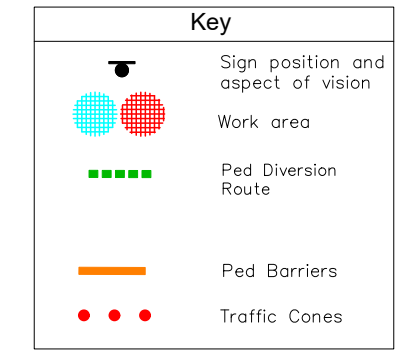
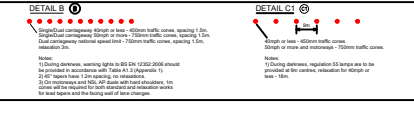
Design:	Technical Officer:	REV:
Name: H.Barnes	A.Hunnible	A
Signature:		
Date: 18.01.24	18.01.24	



# PHASE 9



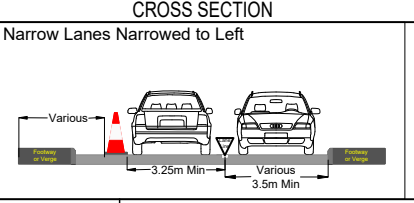
- Go Traffic Management**
- This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management
- Risks**
- Design completed from information provided + google maps desktop risk assessment
  - Cone lamps must be used on all road with A speed limit of 40mph or more.
- Notes**
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
  - Distances between signs NOT to scale for purpose of clarity.
  - All sign placement subject to available safe working space.
  - The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
  - Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
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  - Signs must be placed in accordance with TSM and the scheme RAMS pack.
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**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

ROAD NARROWS	
A	REDATE
REV.	DATE
	DESCRIPTION

**GTM**  
Go Traffic Management

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Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
www.gtm.co.uk

**CERTIFIED**  
ISO 9001:2015  
OHSAS 18001

**TRAFFIC MANAGEMENT PLAN**

**Client:**  
BRM Utility Services  
YOUR INFRASTRUCTURE PARTNER

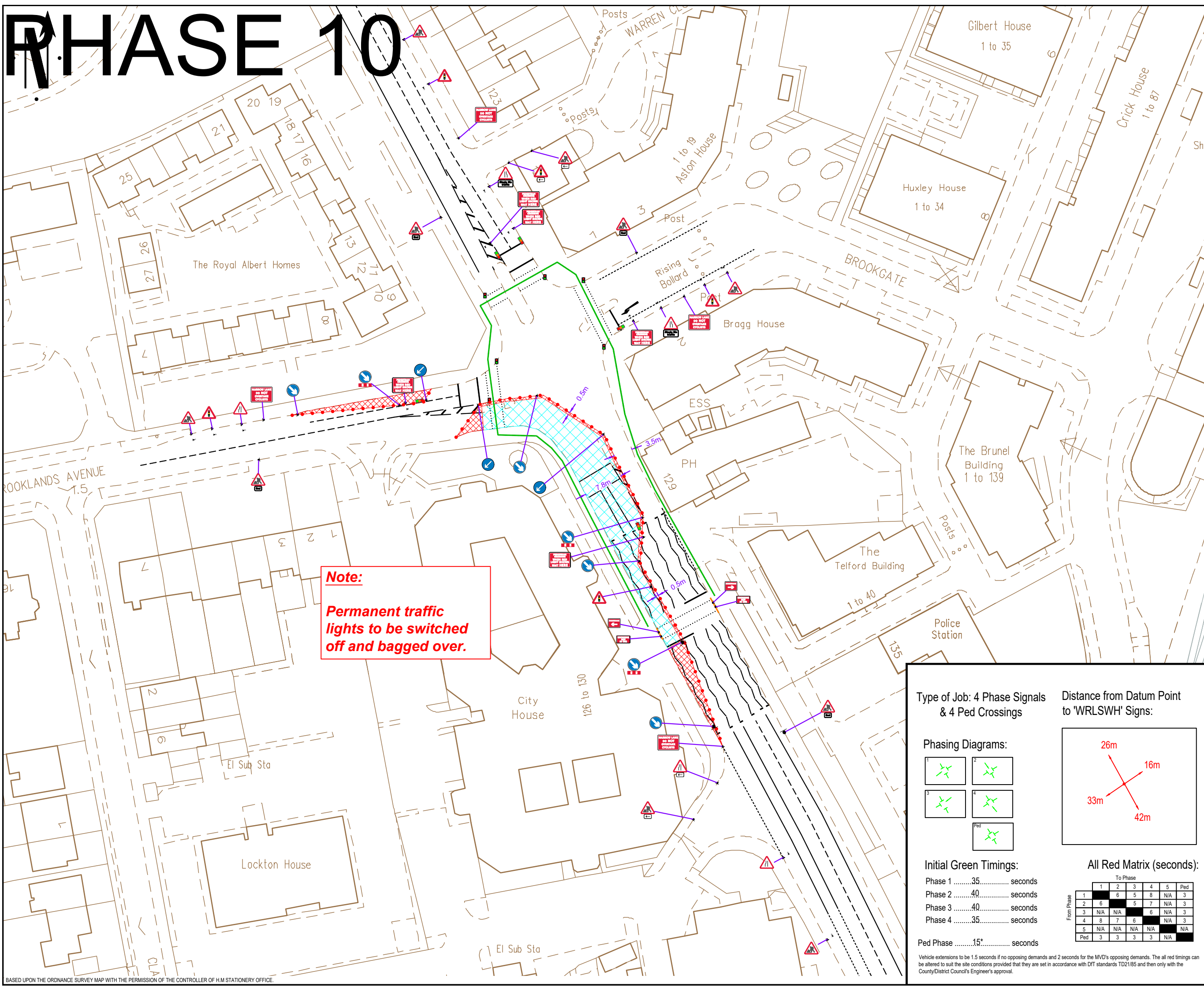
**Drawing Number:** 827981.0031  
**Drawing Title:** Hills Rd, Cambridge CB2 8PQ  
TM1658-08

	Design:	Technical Officer:	REV:
<b>Name:</b>	H.Barnes	A.Hunnible	
<b>Signature:</b>			A
<b>Date:</b>	18.01.24	18.01.24	

BASED UPON THE ORDNANCE SURVEY MAP WITH THE PERMISSION OF THE CONTROLLER OF H.M. STATIONERY OFFICE

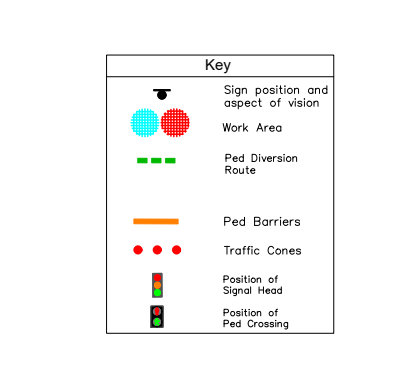
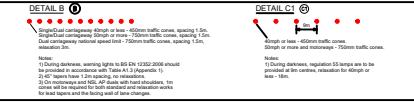


# PHASE 10

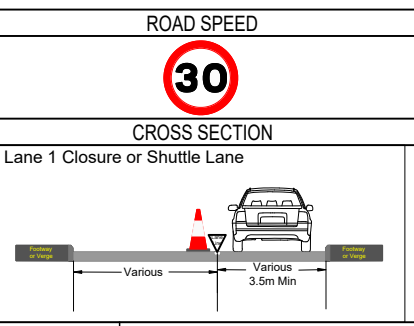


**Note:**  
Permanent traffic lights to be switched off and bagged over.

- ### Go Traffic Management
- This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management
- #### Risks
- Design completed from information provided + google maps desktop risk assessment
  - Cone lamps must be used on all road with A speed limit of 40mph or more.
- #### Notes
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
  - Distances between signs NOT to scale for purpose of clarity.
  - All sign placement subject to available safe working space.
  - The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
  - Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
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  - Signs must be placed in accordance with TSM and the scheme RAMS pack.
  - Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**  
**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**  
Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

4 Phase Signals + Ped	
A	REVD/DATE
REV.	DATE DESCRIPTION

## GTM

### Go Traffic Management

Head Office: Go Traffic Management, Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
[www.gtm.co.uk](http://www.gtm.co.uk)

**TRAFFIC MANAGEMENT PLAN**  
Client: **BRM Utility Services**  
Drawing Number: 827981.0032

Type of Job: 4 Phase Signals & 4 Ped Crossings

Distance from Datum Point to 'WRLSWH' Signs:

Phasing Diagrams:

Initial Green Timings:  
Phase 1 .....35..... seconds  
Phase 2 .....40..... seconds  
Phase 3 .....40..... seconds  
Phase 4 .....35..... seconds  
Ped Phase .....15\*..... seconds

All Red Matrix (seconds):

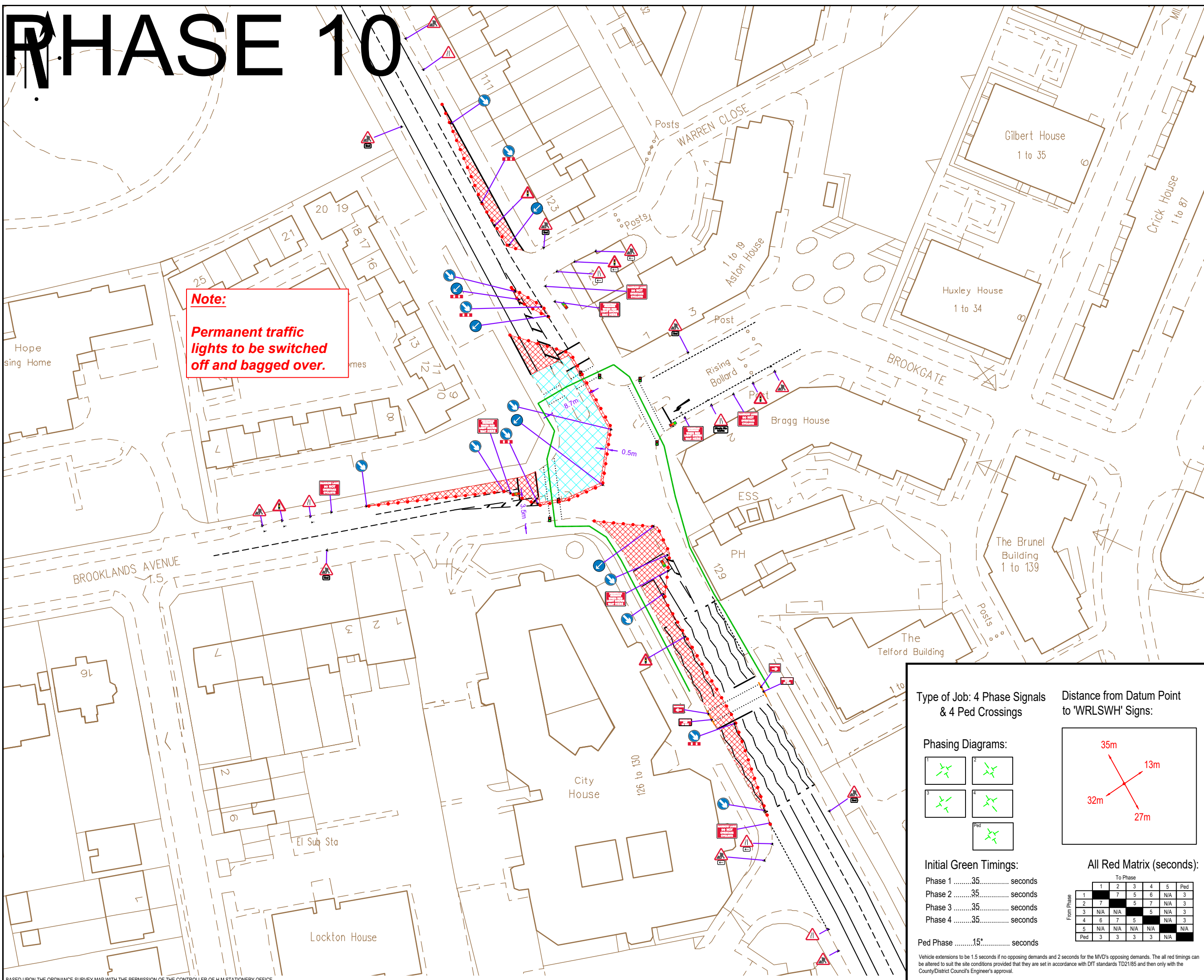
	To Phase					
	1	2	3	4	5	Ped
From Phase 1	1	6	5	8	N/A	3
2	N/A	1	6	5	8	3
3	N/A	N/A	1	6	5	3
4	N/A	8	7	1	6	5
5	N/A	N/A	N/A	1	6	5
Ped	3	3	3	3	N/A	1

Ped Phase .....15\*..... seconds

Vehicle extensions to be 1.5 seconds if no opposing demands and 2 seconds for the MVD's opposing demands. The all red timings can be altered to suit the site conditions provided that they are set in accordance with DTI standards TD21/85 and then only with the County/District Council's Engineer's approval.



# PHASE 10



**Note:**  
Permanent traffic lights to be switched off and bagged over.

**Go Traffic Management**

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**Risks:**

- Design completed from information provided + google maps desktop risk assessment
- Cone lamps must be used on all road with A speed limit of 40mph or more.

**Notes:**

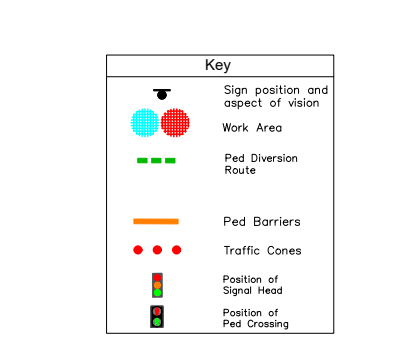
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
- Distances between signs NOT to scale for purpose of clarity.
- All sign placement subject to available safe working space.
- The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
- Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
- Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.
- Signs must be placed in accordance with TSM and the scheme RAMS pack.
- Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.

**DETAILS**

**DETAIL 1**

**DETAIL 2**

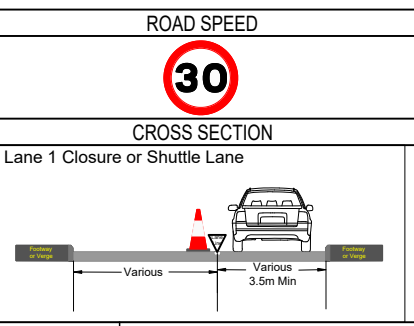
1. All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.  
2. Distances between signs NOT to scale for purpose of clarity.  
3. All sign placement subject to available safe working space.  
4. The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.  
5. Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.  
6. Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.  
7. Signs must be placed in accordance with TSM and the scheme RAMS pack.  
8. Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

REV	DATE	DESCRIPTION
A		AS DRAWN

**GTM**  
Go Traffic Management

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Tel: 0161 351 5370  
www.gtm.co.uk

**CERTIFIED**  
ISO 9001:2015 (QMS)  
ISO 14001:2015 (EMS)  
OHSAS 18001

**TRAFFIC MANAGEMENT PLAN**

**Client:**

**BRM Utility Services**  
YOUR INFRASTRUCTURE PARTNER

Drawing Number: 827981.0033

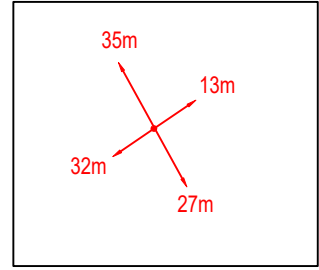
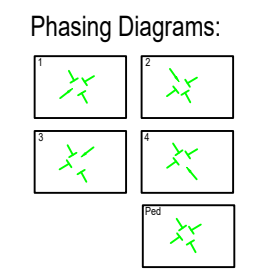
Drawing Title: Hills Rd, Cambridge CB2 8PQ

TM1658-08

Name:	Design:	Technical Officer:	REV:
	H.Barnes	A.Hunnable	
Signature:			A
Date:	18.01.24	18.01.24	

Type of Job: 4 Phase Signals & 4 Ped Crossings

Distance from Datum Point to 'WRLSWH' Signs:



**Initial Green Timings:**

Phase 1 .....35..... seconds  
Phase 2 .....35..... seconds  
Phase 3 .....35..... seconds  
Phase 4 .....35..... seconds

**All Red Matrix (seconds):**

		To Phase					Ped
From Phase	1	2	3	4	5	N/A	3
1							
2	7						
3	N/A	N/A					
4	6	7	5				
5	N/A	N/A	N/A	N/A			
Ped	3	3	3	3	N/A		

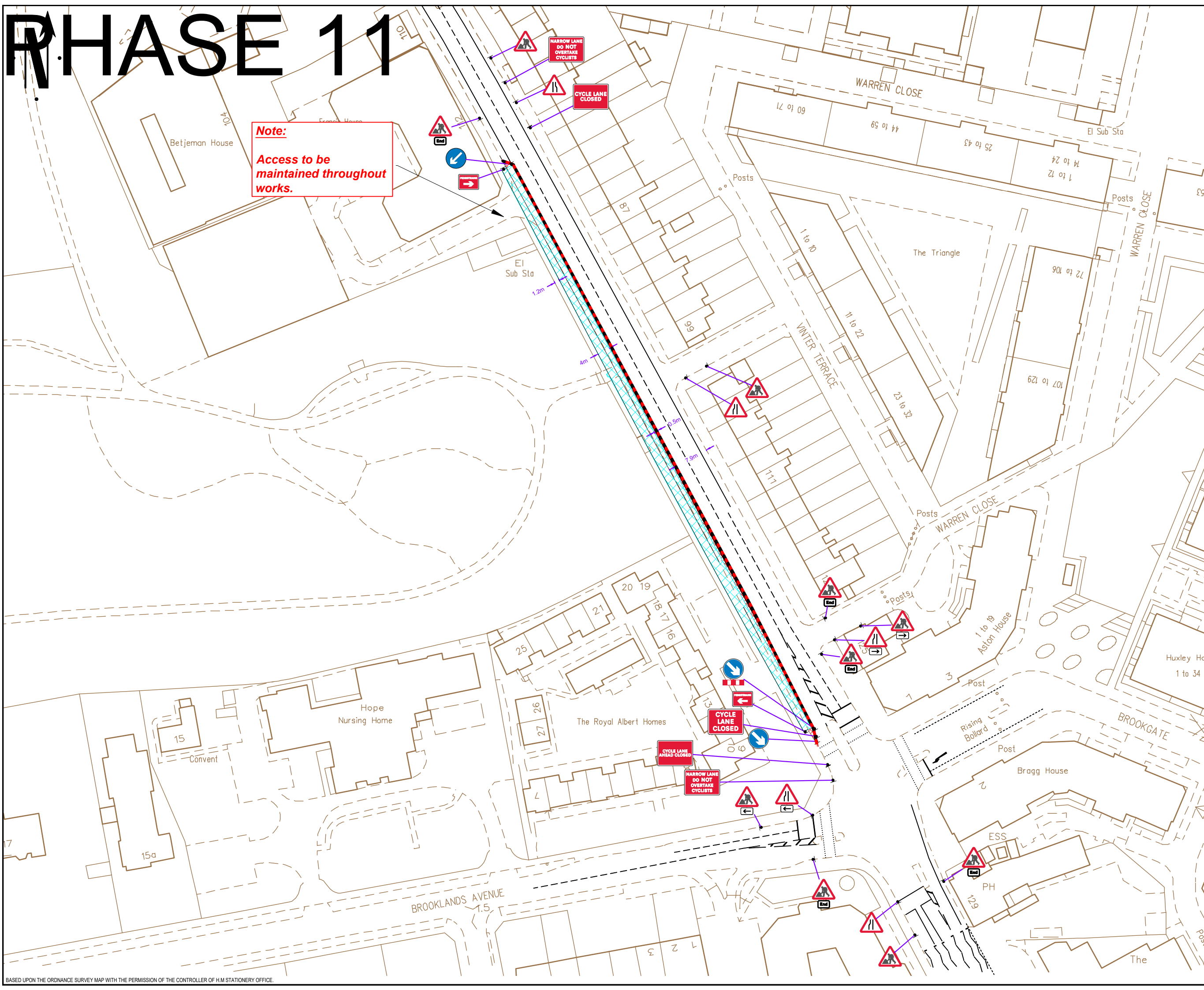
Ped Phase .....15\*..... seconds

Vehicle extensions to be 1.5 seconds if no opposing demands and 2 seconds for the MVD's opposing demands. The all red timings can be altered to suit the site conditions provided that they are set in accordance with DTI standards TD21/85 and then only with the County/District Council's Engineer's approval.



# PHASE 11

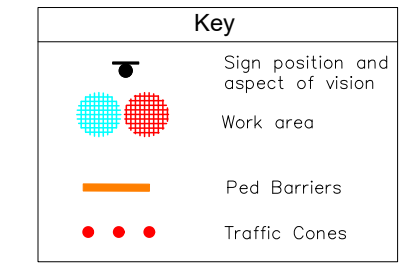
**Note:**  
Access to be maintained throughout works.



- Go Traffic Management**
- This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management
- Risks**
- Design completed from information provided + google maps desktop risk assessment
  - Cone lamps must be used on all road with A speed limit of 40mph or more.
- Notes**
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
  - Distances between signs NOT to scale for purpose of clarity.
  - All sign placement subject to available safe working space.
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  - Signs must be placed in accordance with TSM and the scheme RAMS pack.
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**DETAILS**

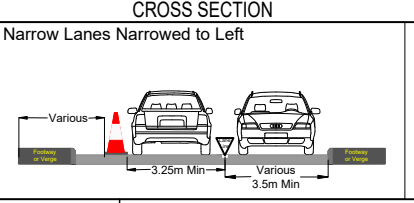
1. Signage for changing direction of travel - 400mm width, spaced 1.5m. 2. Signage for lane closure - 400mm width, spaced 1.5m. 3. Signage for narrow lane - 400mm width, spaced 1.5m. 4. Signage for cycle lane closure - 400mm width, spaced 1.5m. 5. Signage for narrow lane ahead - 400mm width, spaced 1.5m. 6. Signage for cycle lane ahead - 400mm width, spaced 1.5m. 7. Signage for narrow lane do not overtake cyclists - 400mm width, spaced 1.5m. 8. Signage for cycle lane do not overtake cyclists - 400mm width, spaced 1.5m. 9. Signage for narrow lane do not overtake cyclists - 400mm width, spaced 1.5m. 10. Signage for cycle lane do not overtake cyclists - 400mm width, spaced 1.5m. 11. Signage for narrow lane do not overtake cyclists - 400mm width, spaced 1.5m. 12. Signage for cycle lane do not overtake cyclists - 400mm width, spaced 1.5m.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

REV.	DATE	DESCRIPTION
A		AS DRAWN



Head Office: Go Traffic Management, Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
www.gtm.co.uk

**TRAFFIC MANAGEMENT PLAN**

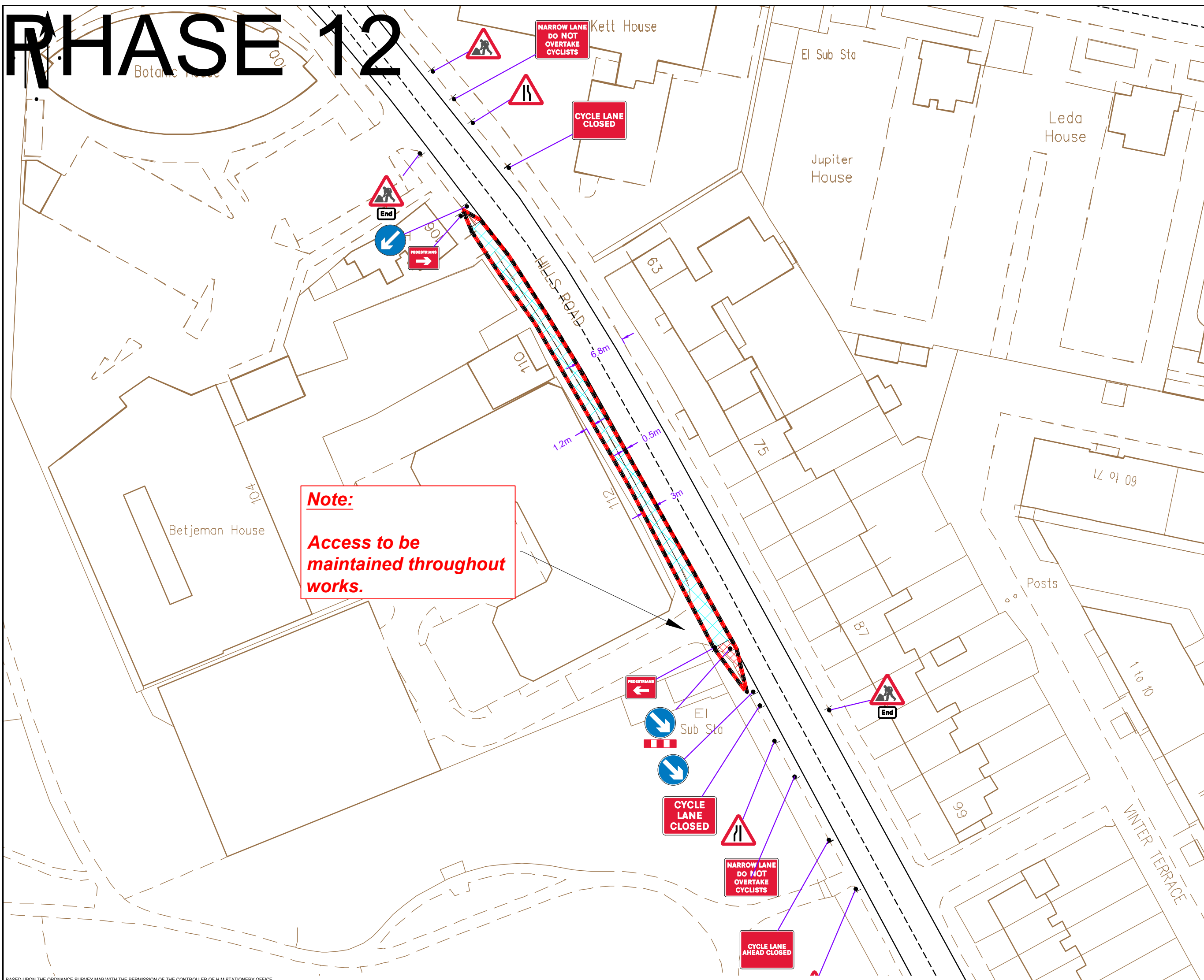
Client:

Drawing Number: 827981.0034  
Drawing Title: Hills Rd, Cambridge CB2 8PQ  
TM1658-08

Name:	Design:	Technical Officer:	REV:
	H.Barnes	A.Hunnible	A
Signature:			
Date:	18.01.24	18.01.24	



# PHASE 12



**Note:**  
Access to be maintained throughout works.

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- Risks**
- Design completed from information provided + google maps desktop risk assessment
  - Cone lamps must be used on all road with A speed limit of 40mph or more.
- Notes**
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
  - Distances between signs NOT to scale for purpose of clarity.
  - All sign placement subject to available safe working space.
  - The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
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  - Signs must be placed in accordance with TSM and the scheme RAMS pack.
  - Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.

**DETAILS**

--	--

**Key**

- Sign position and aspect of vision
- Work area
- Ped Barriers
- Traffic Cones

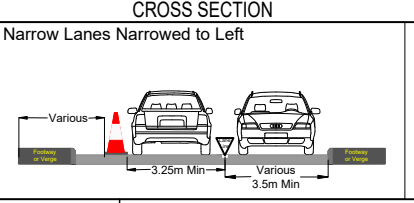
**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice

**ROAD SPEED**

**30**



DO NOT SCALE FROM THIS DRAWING

REV.	DATE	DESCRIPTION
A	REVIDATE	AS DRAWN

**GTM**  
Go Traffic Management

Head Office: Go Traffic Management,  
Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
www.gtm.co.uk

**CERTIFIED**  
ISO 9001:2015  
OHSAS 18001

**TRAFFIC MANAGEMENT PLAN**

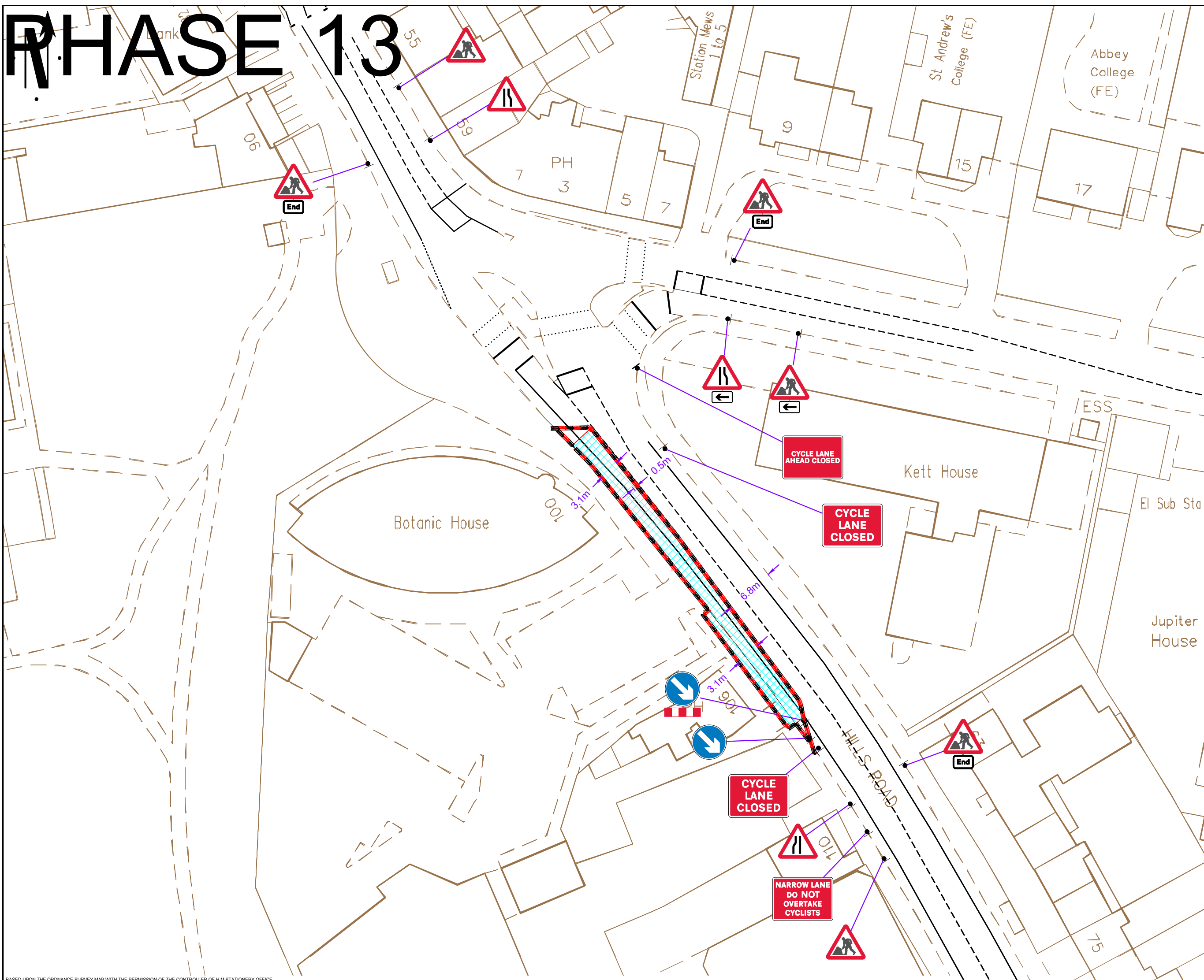
Client:

Drawing Number: 827981.0035  
Drawing Title: Hills Rd, Cambridge CB2 8PQ  
TM1658-08

Name:	Design:	Technical Officer:	REV:
	H.Barnes	A.Hunnable	A
Signature:			
Date:	18.01.24	18.01.24	



# PHASE 13



**Go Traffic Management**

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**Risks**

- Design completed from information provided + google maps desktop risk assessment
- Cone lamps must be used on all road with A speed limit of 40mph or more.

**Notes**

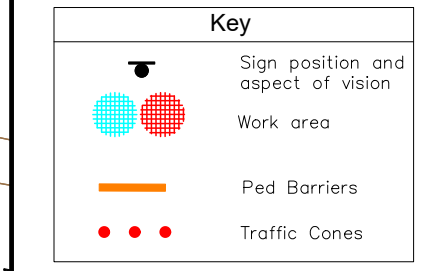
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
- Distances between signs NOT to scale for purpose of clarity.
- All sign placement subject to available safe working space.
- The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
- Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
- Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.
- Signs must be placed in accordance with TSM and the scheme RAMS pack.
- Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.

**DETAILS**

1. Signage for changing direction of traffic. 400mm x 300mm, white background, black border, black text. 400mm x 300mm, white background, black border, black text. 400mm x 300mm, white background, black border, black text.

2. Signage for changing direction of traffic. 400mm x 300mm, white background, black border, black text. 400mm x 300mm, white background, black border, black text. 400mm x 300mm, white background, black border, black text.

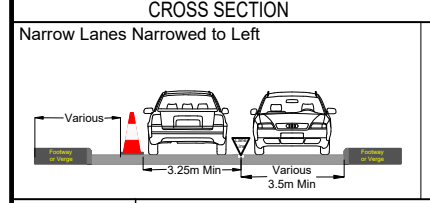
3. Signage for changing direction of traffic. 400mm x 300mm, white background, black border, black text. 400mm x 300mm, white background, black border, black text. 400mm x 300mm, white background, black border, black text.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

ROAD NARROWS	
A	REDATE
REV.	DATE

**GTM**

**Go Traffic Management**

Head Office: Go Traffic Management, Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
www.gtm.co.uk

**CERTIFIED**

ISO 9001:2015  
OHSAS 18001

**TRAFFIC MANAGEMENT PLAN**

**Client:**

**BRM Utility Services**  
YOUR INFRASTRUCTURE PARTNER

**Drawing Number:** 827981.0036

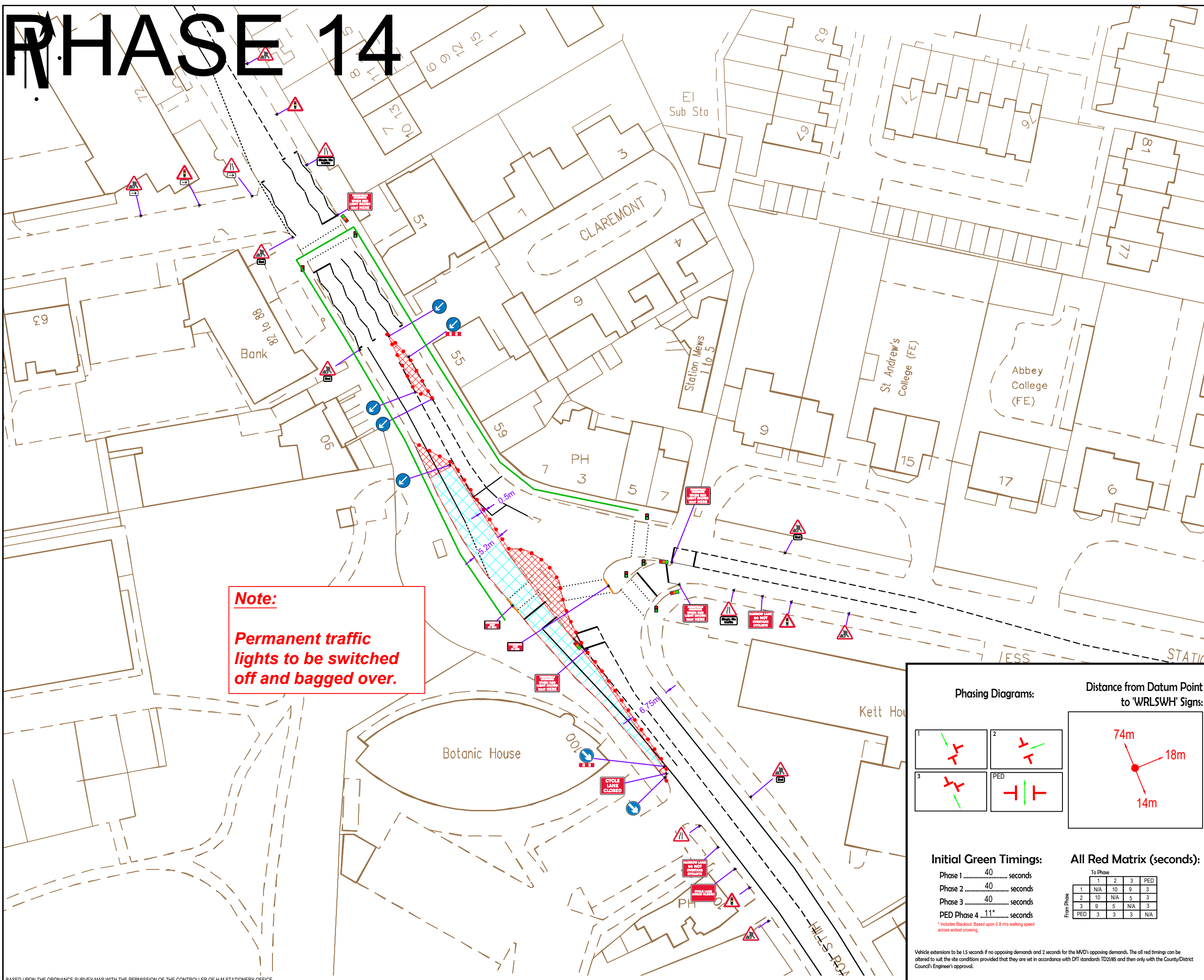
**Drawing Title:** Hills Rd, Cambridge CB2 8PQ  
TM1658-08

Name:	Design:	Technical Officer:	REV:
Signature:	H.Barnes	A.Hunnable	A
Date:	18.01.24	18.01.24	

BASED UPON THE ORDNANCE SURVEY MAP WITH THE PERMISSION OF THE CONTROLLER OF H.M. STATIONERY OFFICE.

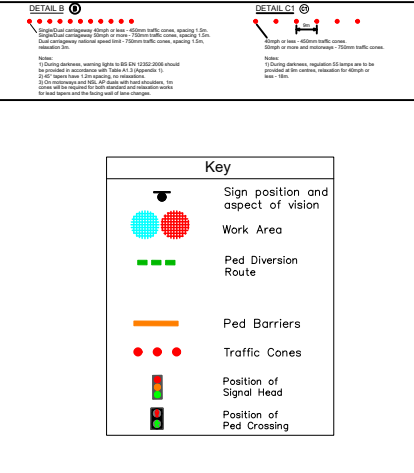


# PHASE 14



**Note:**  
Permanent traffic lights to be switched off and bagged over.

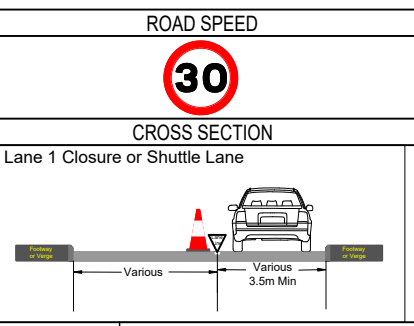
- Go Traffic Management**
- This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management
- Risks:**
- Design completed from information provided + google maps desktop risk assessment
  - Cone lamps must be used on all road with A speed limit of 40mph or more.
- Notes:**
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
  - Distances between signs NOT to scale for purpose of clarity.
  - All sign placement subject to available safe working space.
  - The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
  - Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
  - Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.
  - Signs must be placed in accordance with TSM and the scheme RAMS pack.
  - Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

3 Phase Signals + Ped

REV.	DATE	DESCRIPTION
A	REDATE	AS DRAWN

**Phasing Diagrams:**

**Distance from Datum Point to 'WRLSWH' Signs:**

**Initial Green Timings:**

Phase 1 ..... 40 ..... seconds  
 Phase 2 ..... 40 ..... seconds  
 Phase 3 ..... 40 ..... seconds  
 PED Phase 4 ..... 11\* ..... seconds

\* Includes Blackout. Based upon 0.8 m/s walking speed across widest crossing.

**All Red Matrix (seconds):**

From Phase	To Phase	1	2	3	PED
1	N/A	10	9	3	3
2	10	N/A	5	3	3
3	9	5	N/A	3	3
PED	3	3	3	N/A	3

Vehicle extensions to be 1.5 seconds if no opposing demands and 2 seconds for the MVD's opposing demands. The all red timings can be altered to suit the site conditions provided that they are set in accordance with DTI standards TD21/85 and then only with the County/District Council's Engineer's approval.

**GTM**  
Go Traffic Management

Head Office: Go Traffic Management,  
Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
www.gtm.co.uk

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ISO 9001:2015  
DMSAS 18001

**TRAFFIC MANAGEMENT PLAN**

**Client:**  
BRM Utility Services  
YOUR INFRASTRUCTURE PARTNER

Drawing Number: 827981.0037

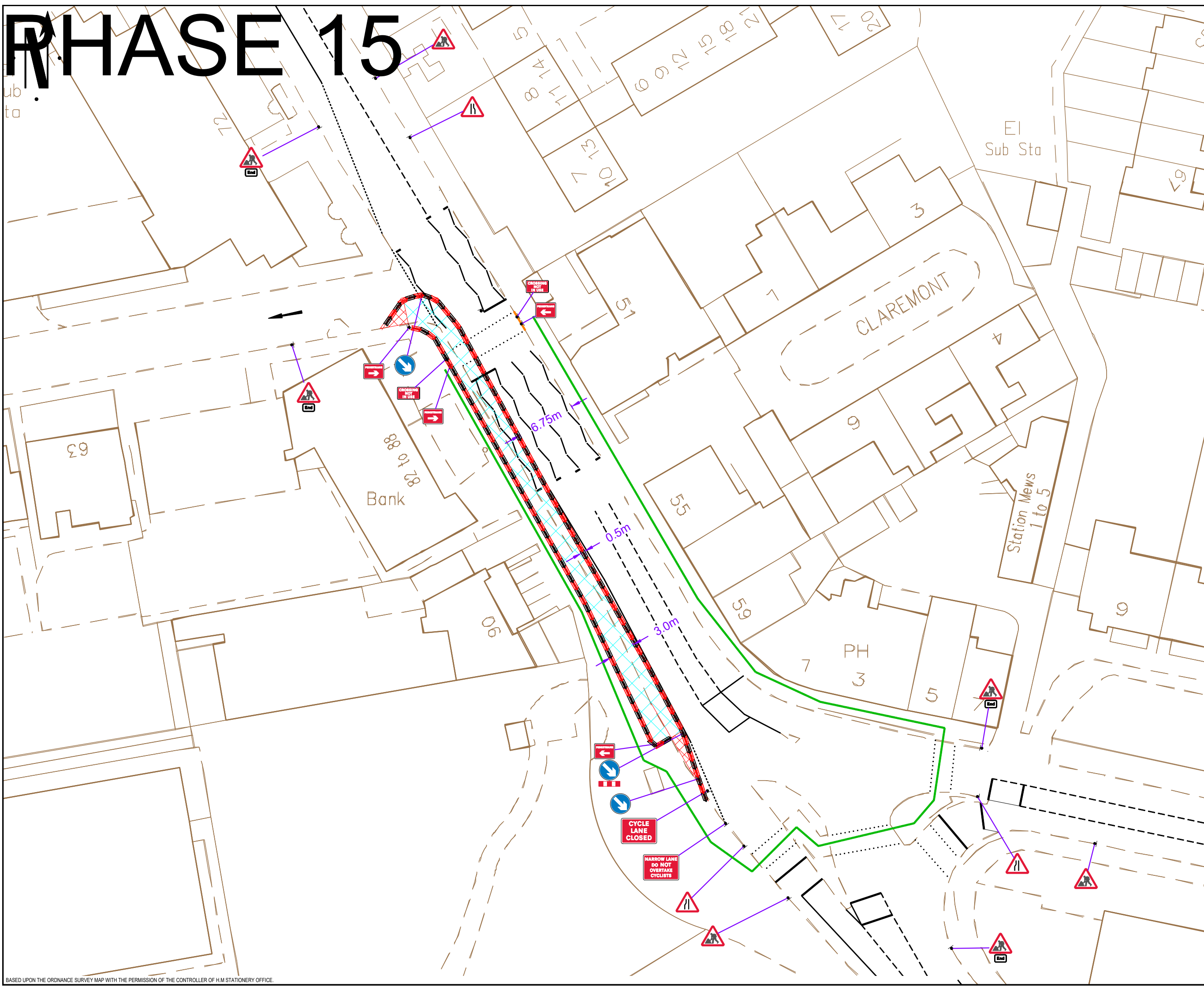
Drawing Title:  
Hills Rd, Cambridge CB2 8PQ  
TM1658-08

Name:	Design:	Technical Officer:	REV:
	H.Barnsey	A.Hunnable	A

Date: 18.01.24      18.01.24



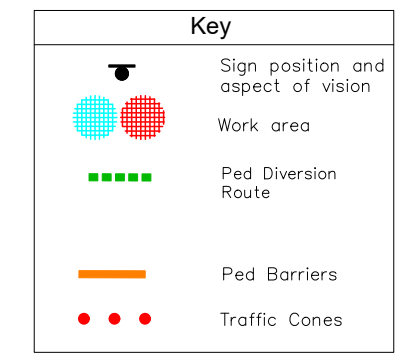
# PHASE 15



- Go Traffic Management**
- This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management
- Risks**
- Design completed from information provided + google maps desktop risk assessment
  - Cone lamps must be used on all road with A speed limit of 40mph or more.
- Notes**
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
  - Distances between signs NOT to scale for purpose of clarity.
  - All sign placement subject to available safe working space.
  - The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
  - Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
  - Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.
  - Signs must be placed in accordance with TSM and the scheme RAMS pack.
  - Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.

**DETAILS**

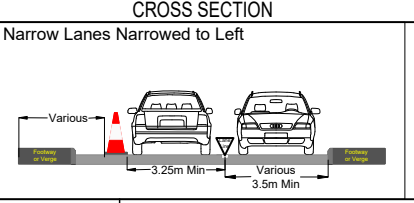
1. Signage for changing direction of traffic. 400mm width, 300mm height, 150mm depth. 2. Signage for changing direction of traffic. 400mm width, 300mm height, 150mm depth. 3. Signage for changing direction of traffic. 400mm width, 300mm height, 150mm depth.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

REV.	DATE	DESCRIPTION
A	REVIDATE	AS DRAWN

**GTM**  
Go Traffic Management

Head Office: Go Traffic Management, Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
www.gtm.co.uk

**CERTIFIED**  
ISO 9001:2015  
OHSAS 18001

**TRAFFIC MANAGEMENT PLAN**

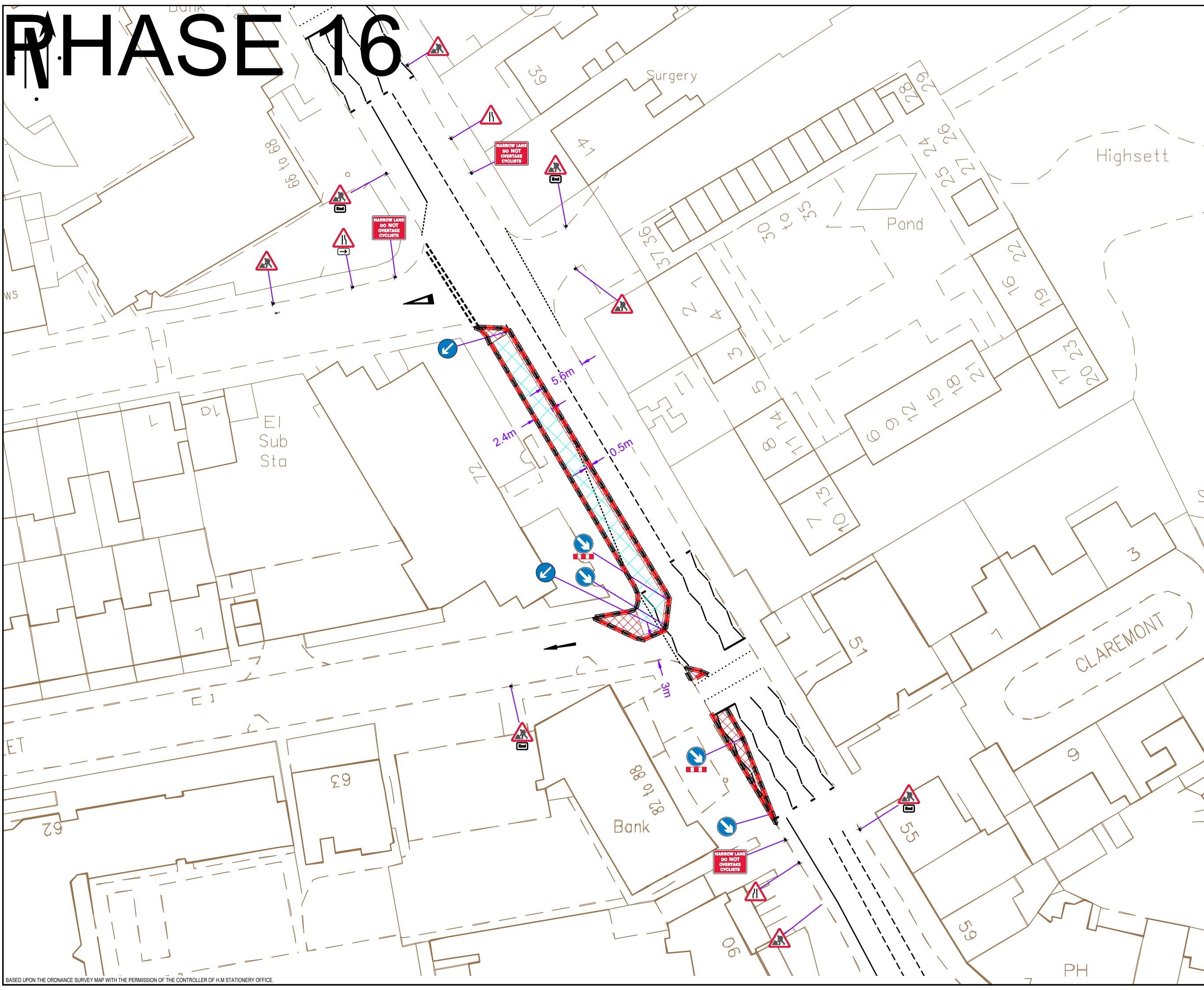
**Client:**  
BRM Utility Services  
YOUR INFRASTRUCTURE PARTNER

**Drawing Number:** 827981.0038  
**Drawing Title:** Hills Rd, Cambridge CB2 8PQ  
TM1658-08

Name:	Design:	Technical Officer:	REV:
Signature:	H.Barnesley	A.Hunnable	A
Date:	18.01.24	18.01.24	



# PHASE 16



**Go Traffic Management**

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**Risks**

- Design completed from information provided + google maps desktop risk assessment
- Cone lamps must be used on all road with A speed limit of 40mph or more.

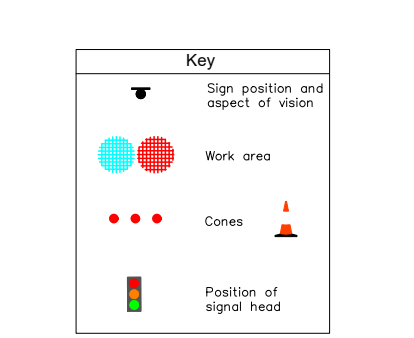
**Notes**

- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
- Distances between signs NOT to scale for purpose of clarity.
- All sign placement subject to available safe working space.
- The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
- Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
- Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.
- Signs must be placed in accordance with TSM and the scheme RAMS pack.
- Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.

**DETAILS**

**DETAIL 1**

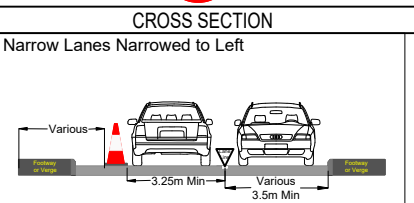
**DETAIL 2**



**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

ROAD NARROWS	
A	REDATE AS DRAWN
REV.	DATE DESCRIPTION

**GTM**

**Go Traffic Management**

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Tel: 0161 351 5370  
www.gtm.co.uk

**CERTIFIED**  
ISO 9001:2015  
OHSAS 18001

**TRAFFIC MANAGEMENT PLAN**

**Client:**

**BRM Utility Services**  
YOUR INFRASTRUCTURE PARTNER

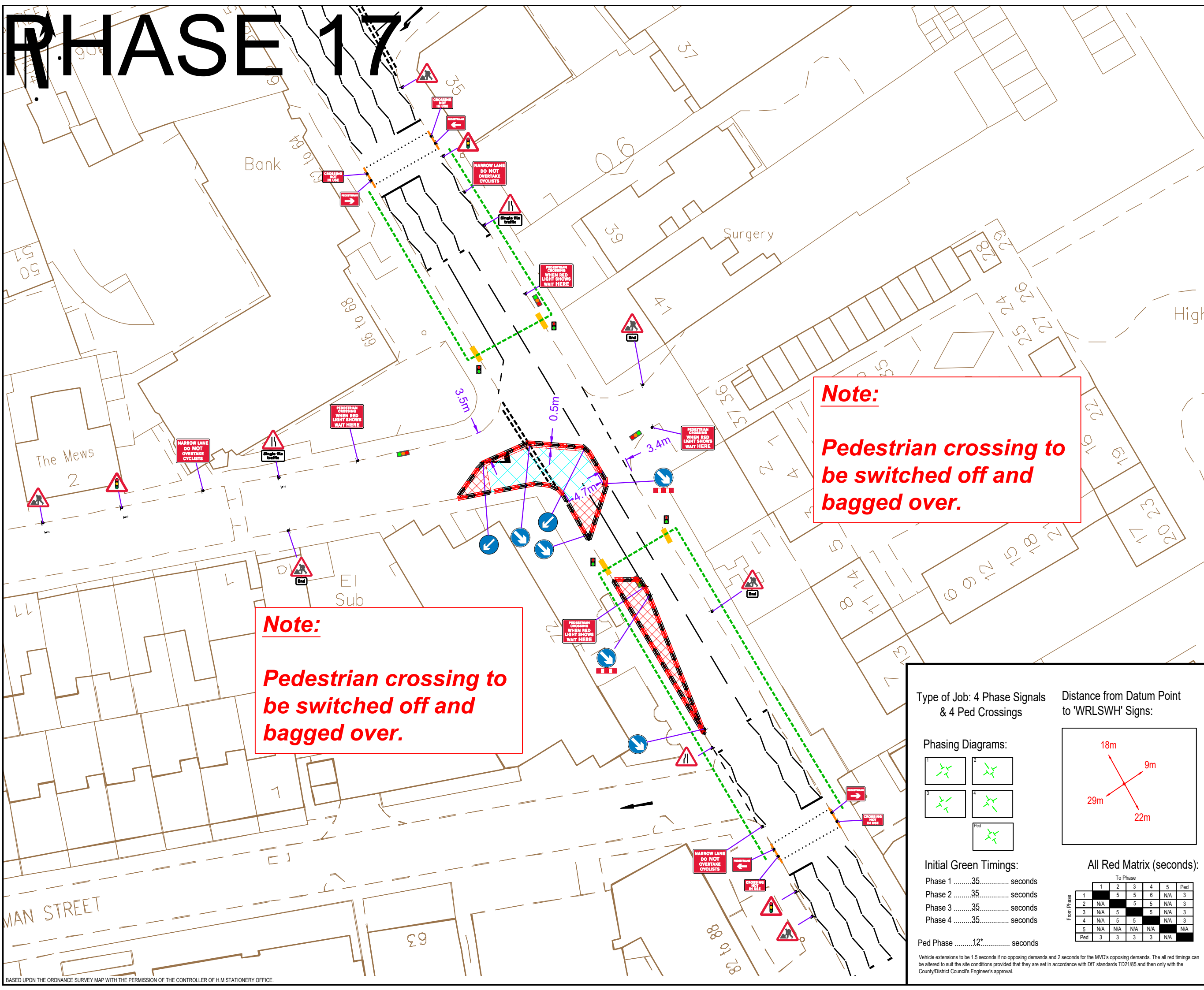
**Drawing Number:** 827981.0040

**Drawing Title:** Hills Rd, Cambridge CB2 8PQ

**TM1658-08**

Name:	Design:	Technical Officer:	REV:
	H.Barnes	A.Hunnable	A
<b>Signature:</b>			
<b>Date:</b>	19.02.24	19.02.24	

# PHASE 17



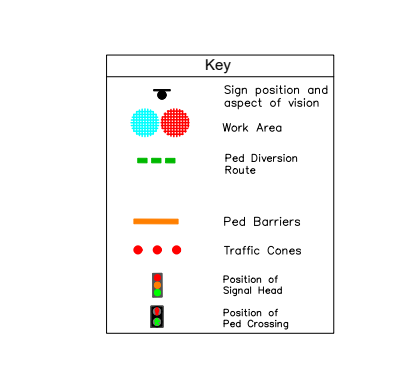
**Note:**  
Pedestrian crossing to be switched off and bagged over.

**Note:**  
Pedestrian crossing to be switched off and bagged over.

- Go Traffic Management**
- This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management
- Risks**
- Design completed from information provided + google maps desktop risk assessment
  - Cone lamps must be used on all road with A speed limit of 40mph or more.
- Notes**
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
  - Distances between signs NOT to scale for purpose of clarity.
  - All sign placement subject to available safe working space.
  - The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
  - Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
  - Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.
  - Signs must be placed in accordance with TSM and the scheme RAMS pack.
  - Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.

**DETAILS**

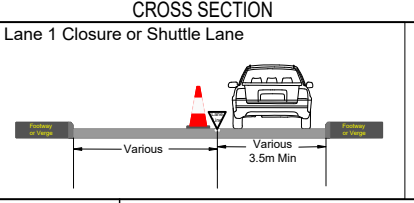
1. Single file crossing sign - see 408 sign manual, section 1.1.1. 2. Single file crossing sign - see 408 sign manual, section 1.1.1. 3. Single file crossing sign - see 408 sign manual, section 1.1.1. 4. Single file crossing sign - see 408 sign manual, section 1.1.1. 5. Single file crossing sign - see 408 sign manual, section 1.1.1. 6. Single file crossing sign - see 408 sign manual, section 1.1.1. 7. Single file crossing sign - see 408 sign manual, section 1.1.1. 8. Single file crossing sign - see 408 sign manual, section 1.1.1. 9. Single file crossing sign - see 408 sign manual, section 1.1.1. 10. Single file crossing sign - see 408 sign manual, section 1.1.1.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

REV.	DATE	DESCRIPTION
A	REDATE	AS DRAWN

**GTM**  
Go Traffic Management

Head Office: Go Traffic Management, Chaddock Lane, Worsley, Manchester, M28 1XW  
Tel: 0161 351 5370  
www.gtm.co.uk

**CERTIFIED**  
ISO 9001:2015 (QMS)  
ISO 14001:2015 (EMS)  
OHSAS 18001

**TRAFFIC MANAGEMENT PLAN**

**Client:**  
BRM Utility Services  
YOUR INFRASTRUCTURE PARTNER

**Drawing Number:** 827981.0041

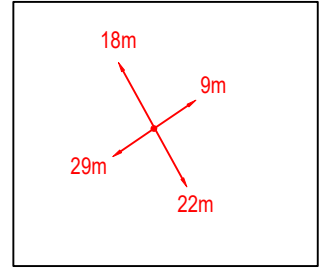
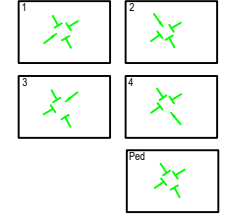
**Drawing Title:**  
Hills Rd, Cambridge CB2 8PQ  
TM1658-08

Name:	Design:	Technical Officer:	REV:
	H.Barnes	A.Hunnable	A
<b>Signature:</b>			
<b>Date:</b>	19.02.24	19.02.24	

Type of Job: 4 Phase Signals & 4 Ped Crossings

Distance from Datum Point to 'WRLSWH' Signs:

Phasing Diagrams:



Initial Green Timings:

- Phase 1 .....35..... seconds
- Phase 2 .....35..... seconds
- Phase 3 .....35..... seconds
- Phase 4 .....35..... seconds

All Red Matrix (seconds):

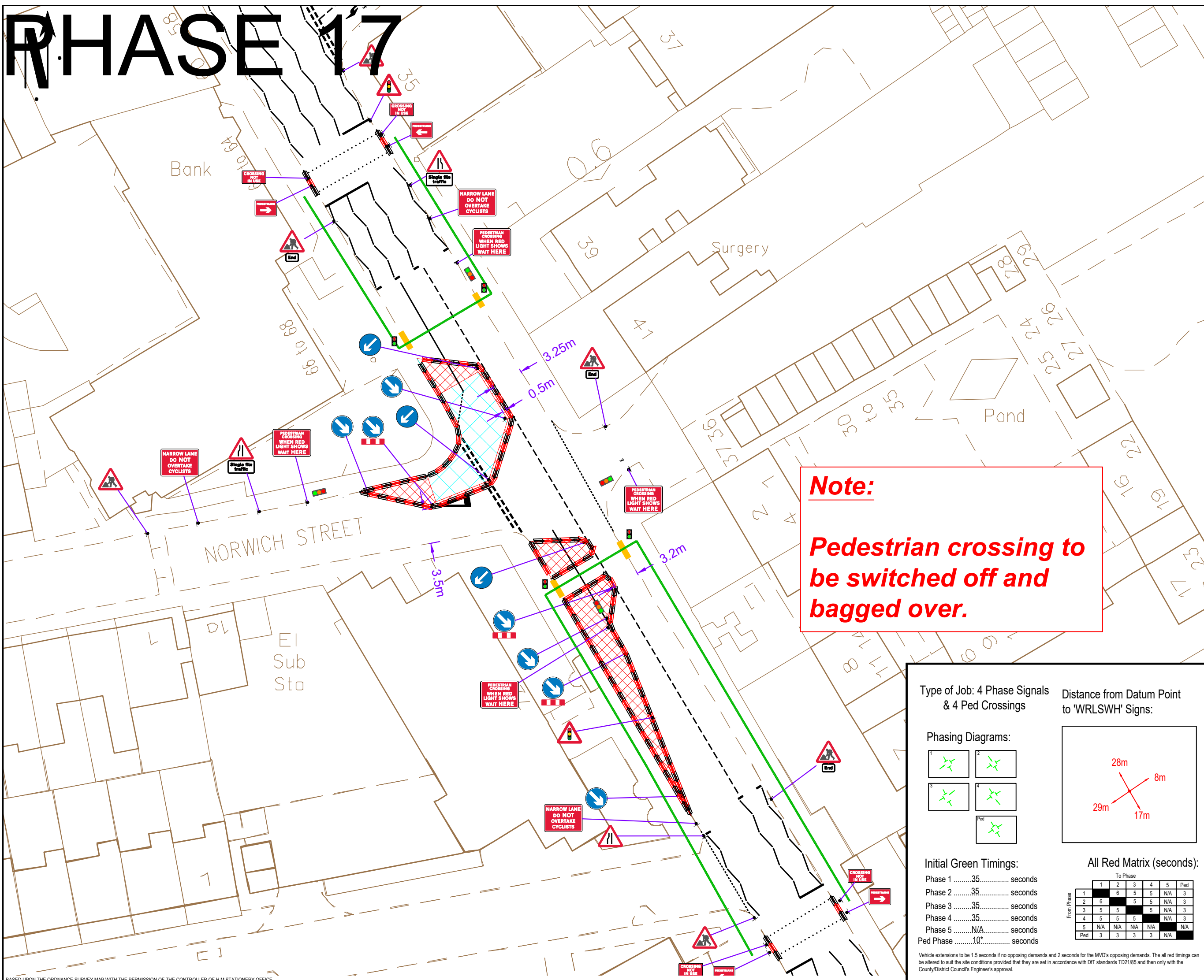
From Phase	To Phase					Ped
	1	2	3	4	5	
1	5	5	5	5	N/A	3
2	N/A	5	5	5	N/A	3
3	N/A	N/A	5	5	N/A	3
4	N/A	N/A	N/A	5	N/A	3
5	N/A	N/A	N/A	N/A	5	3
Ped	3	3	3	3	N/A	N/A

Ped Phase .....12\*..... seconds

Vehicle extensions to be 1.5 seconds if no opposing demands and 2 seconds for the MVD's opposing demands. The all red timings can be altered to suit the site conditions provided that they are set in accordance with DTI standards TD21/85 and then only with the County/District Council's Engineer's approval.



# PHASE 17

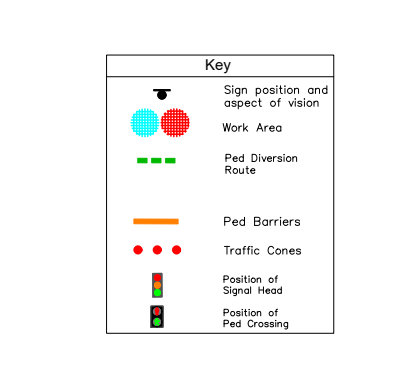


**Note:**  
**Pedestrian crossing to be switched off and bagged over.**

- Go Traffic Management**
- This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management
- Risks**
- Design completed from information provided + google maps desktop risk assessment
  - Cone lamps must be used on all road with A speed limit of 40mph or more.
- Notes**
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
  - Distances between signs NOT to scale for purpose of clarity.
  - All sign placement subject to available safe working space.
  - The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
  - Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
  - Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.
  - Signs must be placed in accordance with TSM and the scheme RAMS pack.
  - Site conditions may have changed since the design of the drawing need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.

**DETAILS**

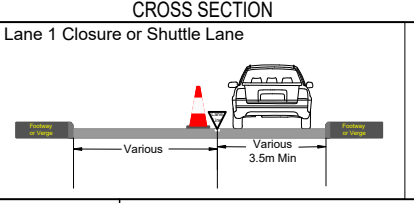
1. Signage for changing signal to red, 400mm width, spaced 1.5m. 2. Signage for changing signal to green, 400mm width, spaced 1.5m. 3. Signage for changing signal to red, 400mm width, spaced 1.5m. 4. Signage for changing signal to green, 400mm width, spaced 1.5m.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

5 Phase Signals + Ped

REV.	DATE	DESCRIPTION
A		AS DRAWN

**GTM**  
**Go Traffic Management**

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 Tel: 0161 351 5370  
 www.gtm.co.uk

**CERTIFIED**  
 ISO 9001:2015 (QMS)  
 OHSAS 18001

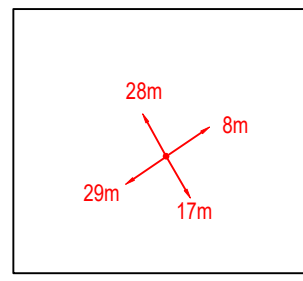
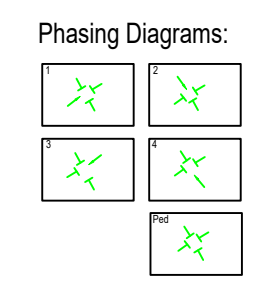
**TRAFFIC MANAGEMENT PLAN**

**Client:**

**Drawing Number:** 827981.0042  
**Drawing Title:** Hills Rd, Cambridge CB2 8PQ  
**TM1658-08**

Type of Job: 4 Phase Signals & 4 Ped Crossings

Distance from Datum Point to 'WRLSWH' Signs:



**Initial Green Timings:**

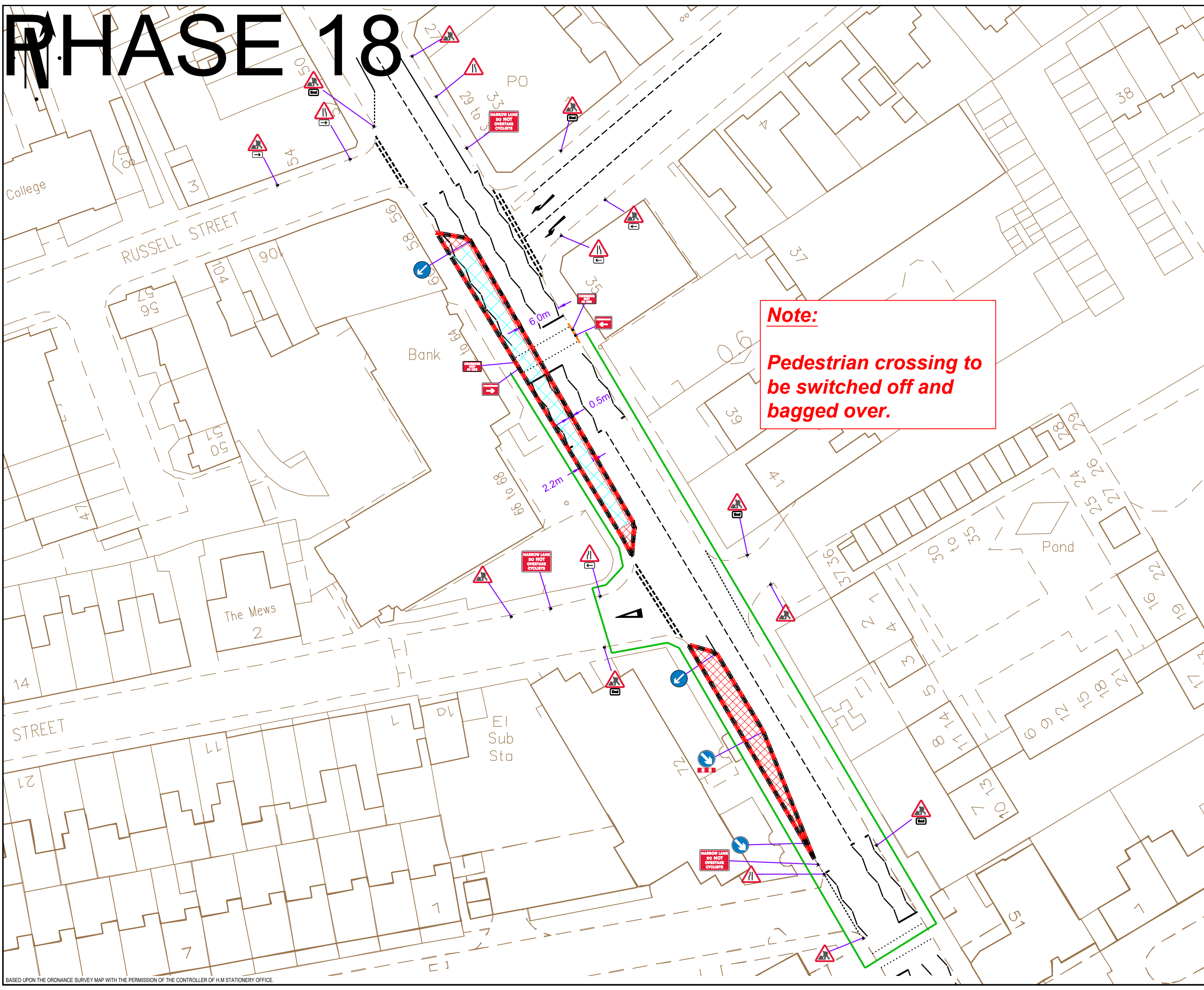
Phase 1 .....35..... seconds  
 Phase 2 .....35..... seconds  
 Phase 3 .....35..... seconds  
 Phase 4 .....35..... seconds  
 Phase 5 .....N/A..... seconds  
 Ped Phase .....10..... seconds

**All Red Matrix (seconds):**

		To Phase					Ped
		1	2	3	4	5	Ped
From Phase	1	1	6	5	5	N/A	3
	2	6	1	5	5	N/A	3
	3	5	5	1	5	N/A	3
	4	5	5	5	1	N/A	3
	5	N/A	N/A	N/A	N/A	1	N/A
Ped	3	3	3	3	3	N/A	1

Vehicle extensions to be 1.5 seconds if no opposing demands and 2 seconds for the MVD's opposing demands. The all red timings can be altered to suit the site conditions provided that they are set in accordance with DIT standards TD21/85 and then only with the County/District Council's Engineer's approval.

# PHASE 18



**Note:**  
**Pedestrian crossing to be switched off and bagged over.**

- Go Traffic Management**
- This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management
- Risks**
- Design completed from information provided + google maps desktop risk assessment
  - Cone lamps must be used on all road with A speed limit of 40mph or more.
- Notes**
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
  - Distances between signs NOT to scale for purpose of clarity.
  - All sign placement subject to available safe working space.
  - The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
  - Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
  - Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.
  - Signs must be placed in accordance with TSM and the scheme RAMS pack.
  - Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.

**DETAILS**

DETAIL 1: Shows a sign placed 1.5m from the edge of the work area, with cones placed 3m apart.

DETAIL 2: Shows a sign placed 1.5m from the edge of the work area, with cones placed 3m apart.

**Key**

- Sign position and aspect of vision
- Work area
- Ped Diversion Route
- Ped Barriers
- Traffic Cones

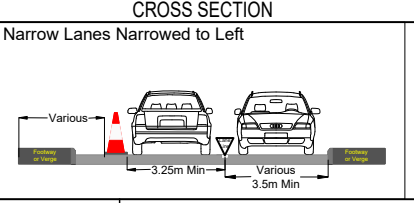
**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice

**ROAD SPEED**

30



DO NOT SCALE FROM THIS DRAWING

REV.	DATE	DESCRIPTION
A		AS DRAWN

**GTM**  
**Go Traffic Management**

Head Office: Go Traffic Management,  
 Chaddock Lane, Worsley, Manchester, M28 1XW

Tel: 0161 351 5370  
 www.gtm.co.uk

**CERTIFIED**  
 ISO 9001:2015  
 ISO 14001:2015  
 OHSAS 18001

**TRAFFIC MANAGEMENT PLAN**

**Client:**

**BRM Utility Services**  
 YOUR INFRASTRUCTURE PARTNER

Drawing Number: 827981.0043

Drawing Title: Hills Rd, Cambridge CB2 8PQ

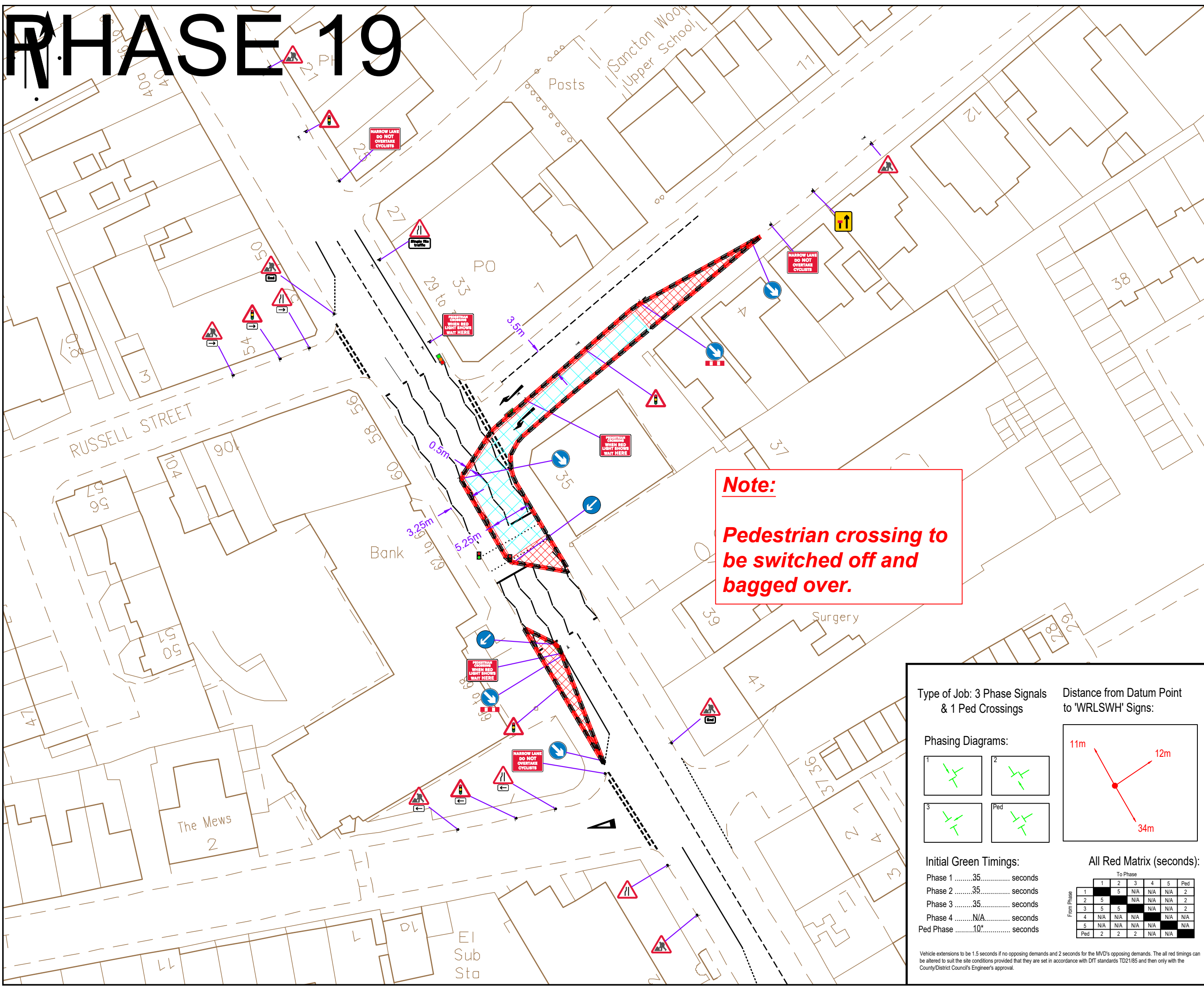
TM1658-08

Name:	Design:	Technical Officer:	REV:
	H.Barnes	A.Hunnable	A
Signature:			
Date:	19.02.24	19.02.24	

BASED UPON THE ORDNANCE SURVEY MAP WITH THE PERMISSION OF THE CONTROLLER OF H.M. STATIONERY OFFICE



# PHASE 19

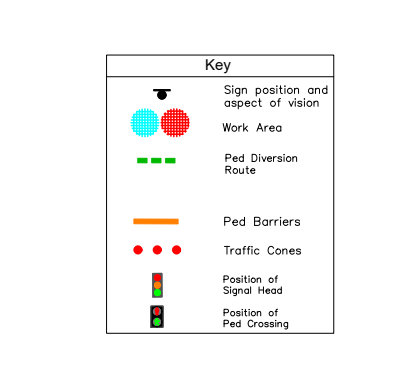


**Note:**  
Pedestrian crossing to be switched off and bagged over.

- Go Traffic Management**
- This drawing has been produced for a specific client & project identified below and is not intended for use by any other person or for any other purpose. © Go Traffic Management
- Risks**
- Design completed from information provided + google maps desktop risk assessment
  - Cone lamps must be used on all road with A speed limit of 40mph or more.
- Notes**
- All signs as per Chapter 8. Distances between cones to be 9m maximum unless otherwise noted.
  - Distances between signs NOT to scale for purpose of clarity.
  - All sign placement subject to available safe working space.
  - The purpose of the Traffic Management Plan is for it to be used only as a guide and all traffic management equipment should be put out according to the 'Safety at Street Works and Road Works - Code of Practice', i.e. Red Book & the 'Traffic Signs Manual Chapter 8', i.e. Yellow Book.
  - Lane width past the works to be 3.5m maximum, 3.25m desirable minimum and 3.0m absolute minimum.
  - Stop & Go boards must be available and utilised in the event of permanent signal failure in accordance with Code of Practice.
  - Signs must be placed in accordance with TSM and the scheme RAMS pack.
  - Site conditions may have changed since the design of the drawing any changes which subsequently affect the design need to be reported by the Traffic Management Operative & any changes implemented must comply with Chapter 8.

**DETAILS**

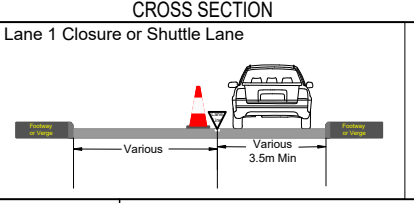
1. Signage for changing signal to red, 400mm width, spaced 1.5m. 2. Signage for changing signal to red, 400mm width, spaced 1.5m. 3. Signage for changing signal to red, 400mm width, spaced 1.5m.



**MINIMUM SAFETY ZONE MUST BE ADHERED TO 0.5m**

**MINIMUM SHUTTLE LANE WIDTHS MUST BE ADHERED TO 3m**

Traffic Management must comply with The Safety at Street Works and Road Works Code of Practice



DO NOT SCALE FROM THIS DRAWING

REV	DATE	DESCRIPTION
A		AS DRAWN

Type of Job: 3 Phase Signals & 1 Ped Crossings

Distance from Datum Point to 'WRLSWH' Signs:

**Phasing Diagrams:**

**Initial Green Timings:**

Phase 1 .....35..... seconds  
 Phase 2 .....35..... seconds  
 Phase 3 .....35..... seconds  
 Phase 4 .....N/A..... seconds  
 Ped Phase .....10\*..... seconds

**All Red Matrix (seconds):**

		To Phase					Ped
		1	2	3	4	5	Ped
From Phase	1	█	█	█	N/A	N/A	N/A
	2	█	█	█	N/A	N/A	2
	3	█	█	█	N/A	N/A	2
	4	N/A	N/A	N/A	█	█	N/A
	5	N/A	N/A	N/A	█	█	N/A
Ped	2	2	2	2	N/A	N/A	█

Vehicle extensions to be 1.5 seconds if no opposing demands and 2 seconds for the MVD's opposing demands. The all red timings can be altered to suit the site conditions provided that they are set in accordance with DfT standards TD21/85 and then only with the County/District Council's Engineer's approval.

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DHAS 18001

**TRAFFIC MANAGEMENT PLAN**

**Client:**  
BRM Utility Services  
YOUR INFRASTRUCTURE PARTNER

Drawing Number: 827981.0044

Drawing Title: Hills Rd, Cambridge CB2 8PQ

TM1658-08

	Design:	Technical Officer:	REV:
Name:	H.Barnesley	A.Hunnable	A
Signature:			
Date:	19.02.24	19.02.24	