Date: Thursday, 25 February 2021
Time: 4.00 pm
Venue: Virtual Meeting - Zoom Committee Meeting with Public Access via YouTube

16. Improving Public Health - Bristol Clean Air Zone Update

Advance Warning CAZ D Traffic Signs

Issued by: Corrina Haskins, Democratic Services
City Hall, Bristol, BS1 9NE
E-mail: democratic.services@bristol.gov.uk
Date: Thursday, 18 February 2021
Lane destination
markings to be
installed by others.

INSTALLATION
1. Install 1No. square post in suitable spot
   in back of tarmac footway as shown.
2. Supply 2No. signs (refs. ADZ051-01 &
   ADZ051-02); and install on 1No.
   square post in the order shown; type
   E(N), cantilevered over footway.
3. Signs to be facing traffic traveling on
   Angers Road toward A4 Bath Road.
4. Mounting height to be 2.3m

Post & Foundation Details
Supply :
1No. 80x80mm
square post
Overall length : 5300mm

Individual post foundation size :
Width : 600mm
Length : 600mm
Depth : 1200mm

Construction Notes
1. Mounting height for signs to be 2.5 metres
   above ground level (unless otherwise
   specified).
2. All signs (or part of signs) must have a
   minimum 500mm clearance from the edge
   of carriageway.
3. All signs (or part of signs) must not
   encroach onto any private land / area / property.
4. Concrete used for post foundations to be
   type ST2.
5. All dimensions shown on drawing are in
   metres (m) unless otherwise specified.
6. All works are to be carried out as BCC
   Standard Detail 07-012-C, SD 07-013-C,
   and SD 07-014-C.

Posts Specification
1. All new posts (and offset brackets if needed)
   are to be supplied galvanized and painted
   BLACK in accordance with BCC's Street
   Lighting specification.
2. Post foundations to be installed as Standard
   Detail SD 07-012-C.

Material
Scheme Ref.  ADZ051-01
Ref.  SIGN FACE
65.0
x-height

Letter colour  WHITE
Background  BLUE
Width  1005mm
Border  WHITE
Height  1350mm
Material  Class RA2 (12899-1:2007)
Area  1.37m²

Material
Scheme Ref.  ADZ051-02
Ref.  SIGN FACE
50.0
x-height

Letter colour  BLACK
Background  WHITE
Width  1005mm
Border  BLACK
Height  3950mm
Material  Class RA2 (12899-1:2007)
Area  0.39m²

Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs

Location ADZ 51
Angers Road

Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects

PO Box 3399, Bristol City Council, Bristol BS1 9NE

JEM  September 2020

CONSTRUCTION

1:500 @ A3

- E19015  C-ADZ051- -

Clean Air Zone (CAZ)

\[\text{\textbf{Clean air zone 4 mile on A4}}\]

\[\text{\textbf{Charges apply Pay online}}\]

Traffic enforcement cameras
**Traffic enforcement cameras**

**INSTALLATION**

1. Install first post in back of footway, in the same position as removed 80x160mm rectangular post. Then, install second post perpendicular to carriageway using new specified post spacing.  
2. Supply 2No. signs (refs. ADZ056-01 & ADZ056-02); and install centrally mounted on 2No. posts in the order shown, type L(N) and type J(N) respectively. Minimum clearance to carriageway to be 500mm.  
3. Mounting height to the lowest sign to be 2.5m.

**Post & Foundation Details**

- Supply: 2No. 168mmØ round posts  
- Overall length each: 7500mm  
- Post spacing: 1500mm  
- Individual post foundation size:
  - Width: 700mm  
  - Length: 700mm  
  - Depth: 1500mm

**SITE CLEARANCE**

Take down, and dispose to tip:  
1. 1No. rectangular direction sign (approx. W: 2.0m x H: 1.75m; 3.51m²),  
2. 1No. "Bus lane cameras" sign (approx. 0.15m²),  
3. 2No. 80x160mm rectangular posts.

**Construction Notes**

1. Mounting height for signs to be nominal 2.5m above ground level.  
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.  
3. All signs (or part of signs) must not encroach onto any private land, area, and property.  
4. Concrete used for post foundations to be approved type ST2.  
5. All dimensions shown on drawings are in metres (m).  
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.  
7. The stated foundation depth includes the reinstatement of surfaces.  
8. All notes are subject to change if specified differently on the drawing.

**Post Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.  
2. Post foundations to be installed as Standard Detail SD 07-012-C.
Installation:
1. Install 1No. post in back of tarmac footway, in front of lamp column no. 36.
2. Supply 1No. sign (ref. ADZ057-01); and install centrally mounted on 1No. post; type E(N). Sign must not overhang fence onto private property.
3. Mounting height to be 2.3m

Vehicular access to car wash

See separate drawing no. C-ADZ056 for this location.

Post & Foundation Details
Supply: 1No. 120x80mm rectangular post
Overall length: 5000mm

Post foundation size:
Width: 600mm
Length: 600mm
Depth: 1200mm

Construction Notes:
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail SD 07-012-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification:
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs
Location ADZ 57
Bath Road (A4)

Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects

Drawn by JEM
February 2021

Checked by SDK
February 2021

Scale 1:500 @ A3

CITY DESIGN
ENGINEERING
DESIGN

PO Box 3399, Bristol City Council, Bristol BS1 9NE
### Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-D12-C, SD 07-D13-C, and SD 07-D14-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

### Post Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-D12-C.

### Speed Limit
STREET VIEW - SYLVAN WAY

### Rev. Date Description By

### Clean Air Zone

### Location ADZ 059 Sylvan Way (A4162)

### Local and Sustainable Transport
Management of Place - Growth & Regeneration Major Projects

### Drawn by
JEM / SDK

### Checked by
SDK

### Issued by
JEM

### Title
Clean Air Zone

### Description
Location ADZ 059 Sylvan Way (A4162)

### Rev.
E19015 - C-ADZ059-
**Location 2**

1. Install 1No. square post in pennant stone footway next to tactile paving crossing. To be angled so that sign will point into Constitution Hill.
2. Use black lime mortar for pointing.
3. Re-erect 1No. "Chesterfield Hospital" direction sign centrally on square post, type E2.
4. Minimum clearance to carriageway to be 500mm.
5. Mounting height to be 2.3m.

**Location 1 - CAZ D**

1. Install 1No. square post in pennant stone footway, near where round post was. To be angled so that signs will face drivers travelling down on Constitution Hill toward Jacob's Wells Road.
2. Signs to be at least 500mm from kerb face.
3. Use black lime mortar for pointing.
4. Supply 2No. signs (refs. ADZ060-01 & ADZ060-02) and install on 1No. square post in order shown, type E2N, cantilevered over footway.
5. Mounting height to be 2.3m.

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**Traffic Enforcement**

- **Clean air zone 270 yards**
- **Charges apply Pay online**

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**Scheme Ref.**

- **Sign Ref.** ADZ060-01
  - **x-height** 65.0
  - **Material** Class RA2 (12899-1:2007)
  - **Width** 1005mm
  - **Height** 1365mm
  - **Area** 1.37m²

- **Sign Ref.** ADZ060-02
  - **x-height** 50.0
  - **Material** Class RA2 (12899-1:2007)
  - **Width** 1005mm
  - **Height** 960mm
  - **Area** 0.95m²

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**Construction Notes**

1. Mounting height for signs to be 2.5 metres above ground level (unless otherwise specified).
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land / area / property.
4. Concrete used for post foundations to be type S2.
5. All dimensions shown on drawing are in metres (m) unless otherwise specified.
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.

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**Posts Specification**

- 1. All new posts (and offset brackets if needed) are to be supplied galvanized and painted BLACK in accordance with BCC's Street Lighting specification.
- 2. Post foundations to be installed as Standard Detail SD 07-012-C.
Construction Notes

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Location ADZ 64
A4 Portway

LOCATION 1 - Post & Foundation Details
Supply:
2No. 50x50mm square posts
Overall length each: 5600mm
Post spacing: 750mm
Foundation size for each post:
Width: 500mm
Length: 500mm
Depth: 1200mm (no earth cover)

INSTALLATION
1. Install 2No. posts in sloped verge as shown.
2. Supply 1No. new sign (ref. ADZ064-01); and install on 2No. posts; type J(N).
3. Mount the sign on top of the posts to achieve a mounting height of approximately 2.5m on shortest side.
4. Sign to have approximately 800mm clearance to carriageway.

LOCATION 2
Disposal of 1No. unlit triangular warning sign "single carriageway" from lamp column no. 302.
Note, camera sign remains in place.
Installation
1. Install 2No. new posts in grass verge, approximately 15 metres away from lamp column no. 55
2. Supply 1No. sign (ref. ADZ072-01); and install centrally on 2No. posts; type K(N). Mounting height to this sign to be 2.3m
3. Supply 1No. "40mph" round sign (Dia. no. 670-40; height: 600mm); and install on 1No. post (nearest to carriageway); type A(N).
4. Ensure that new signs do not obstruct the signal warning sign located north to it.
5. Signs is to have a minimum 1.5m clearance to carriageway.

Lamp column no. 55
1. Remove from lamp column 1No. "40mph" round sign (height: 600mm) to tip off-site.

Post & Foundation Details
Supply: 2No. 114mmØ round posts
Overall length each: 6050mm
Post spacing: 900mm
Combined post foundation size:
Width: 1300mm
Length: 700mm
Depth: 1300mm (no earth cover)

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.
**Construction Notes**

1. Mounting height for signs to be 2.5 metres above ground level (unless otherwise specified).
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land / area / property.
4. Concrete used for post foundations to be type ST2.
5. All dimensions shown on drawing are in metres (m) unless otherwise specified.
6. All works are to be carried out as BCC Standard Detail SD-07-012-C, SD-07-013-C, and SD-07-014-C.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD-07-012-C.

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**Clean Air Zone (CAZ)**

**Advance CAZ D Traffic Signs**

**Location ADZ 80**

Warwick Road

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**Scheme Ref.**

Sign Ref. ADZ080-01

- e-height 80.0
- Letter colour WHITE
- Background BLUE
- Frame WHITE
- Material Class R2 (13999-1:2007) Area 2.85m²

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**Scheme**

- Local and Sustainable Transport
- Management of Place - Growth & Regeneration
- Major Projects

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**Drawn by**

JEM

**Checked by**

SDK

**Date**

September 2020

**Issued by**

JEM

**Project Number**

E19015 - C-ADZ080-
Post & Foundation Details

Supply: 2 No. 89mmØ round posts
Overall length each: 3700mm
Post spacing: 900mm

Foundation size for each post:
Width: 500mm
Length: 500mm
Depth: 1000mm (includes 150mm earth cover)

INSTALLATION

1. Install 1 No. post in tarmac footway, and 1 No. post in the verge; at approximate 40° angle to carriageway.
2. Supply 1 No. new sign (ref. ADZ123-01); and install on 2 No. posts; type J(N). Sign is to face traffic heading toward Clevedon.
3. Mount the sign on top of the posts to achieve a low mounting height of approximately 1.0 metre.

Construction Notes

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail SD 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.
**Post & Foundation Details**

Supply: 2No. 219mmØ round (Jerol passive) posts
Overall length each: 8000mm
Post spacing: 1500mm
Combined (spread) foundation size:
Width: 2150mm
Length: 1600mm
Depth: 1000mm
(Earth cover in sloped ground: 670mm and 1450mm)

**INSTALLATION**

1. Install 2No. posts in sloped verge, behind cross barrier.
2. Supply 1No. new sign (ref. ADZ128-01), and install on 2No. posts; type M(N).
3. Mount the sign on top of the posts to achieve a mounting height of approximately 1.8m on the shortest side.

**Note:** Offside "2+ lane" ends approximately 100 metres before this point.
Location 1 - Level crossing signs
REMOVE FROM SITE TO TIP OFF-SITE:
- 1No. triangular “Level crossing” sign (height: 600mm)
- 1No. rectangular “level crossing stop” sign (approx: 0.45m²)
- 1No. restriction plate (approx: 0.15m²)
- 2No. 89mmØ round posts

Location 2 - Level crossing signs
REMOVE FROM SITE TO TIP OFF-SITE:
- 1No. rectangular “level crossing stop” sign (approx: 0.45m²)
- 1No. rectangular “Cycle track” sign (approx: 0.27m²)
- 2No. 89mmØ round posts
Location 4 - CAZ D signs
Install new post in this spot

Lamp column no. 2
- Supply 1No. "30mph" speed limit sign
  (Diag. no. 670-30; height: 600mm); and
  erect on lamp column, on back of
  existing "20mph" round sign; type A(N).

Location 2 - New level crossing sign
1. Supply 1No. 80x80mm square post,
   and install in back of footway in front of
   metal fence; approximately 14 metres
   away from lamp column no. 2
2. Overall post length: 5600mm
3. Individual post foundation size:
   W: 600mm; L: 600mm; Depth: 1300mm
4. Supply 3No. new signs (refs. AD176-03 &
   AD176-02); and install on square post in the
   order shown; type E(N). Both signs to be
   cantilevered over footway toward carriageway.
5. Mounting height to be 2.3m

Refer to drawing C-ADZ176-03 for sign details.
**Clean Air Zone (CAZ)**

**Advance CAZ D Traffic Signs**

(Drawing 3 of 3)

**Location ADZ 176**

**SIGN FACES**

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**Traffic enforcement cameras**

**Cycle track**

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1. Install 2No. posts in tarmac footway in a position where sign will not overhang private property. Both posts to be slightly staggered and angled to achieve an angled sign of approximately 20° facing toward northbound traffic.

2. Supply 1No. sign (ref. ADZ177-01), and install centrally mounted on 2No. posts, type J(N).

3. To be facing north-bound traffic on Bedminster Down Road.

4. Re-erect 1No. waiting plate, type D(N), immediately beneath CAZ sign, on kerb-side post.

5. Mounting height to lowest sign to be 2.3m

### Post & Foundation Details

- **Supply:** 2No. 80x80mm square posts
- **Overall length each:** 5800mm
- **Post spacing:** 750mm
- **Individual foundation size:**
  - **Width:** 550mm
  - **Length:** 550mm
  - **Depth:** 1300mm

### Waiting Restriction Sign

1. Set aside 1No. waiting plate (approx. 250x300mm, 0.1m²).
2. Take up 1No. 99mmØ round post, and dispose to tip.

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### Clean Air Zone (CAZ)
**Advance CAZ D Traffic Signs**

**Location ADZ 177**
Bedminster Down Road (A38)

**Scheme Ref.**
ADZ177-01

**Latter colour**
WHITE

**Background**
BLUE

**Width**
1560mm

**Height**
1825mm

**Area**
2.85m²

**Material Class**
120

**Scheme Ref.**
C-ADZ177

**Project Title**
Clean Air Zone (CAZ) Advance CAZ D Traffic Signs

**Client**
Local and Sustainable Transport Management of Place - Growth & Regeneration

**Major Projects**
SDK

**Drawing by**
PO Box 3399, Bristol City Council, Bristol BS1 9NE

**Description**
CITY DESIGN ENGINEERING DESIGN

2. Post foundations to be installed as Standard Detail SD 07-012-C.

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**Construction Notes**

1. Mounting height for signs to be nominal 2.5 meters above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

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**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.

2. Post foundations to be installed as Standard Detail SD 07-012-C.
INSTALLATION

1. Install 2No. posts in tarmac footway as shown; and stagger posts so that new sign will angle approx. 30 degrees toward traffic coming from Hartcliffe Way as well as the side road (Parson Street).
2. Supply 1No. sign (ref. ADZ178-01), and install mounted on 2No. posts, type J(N).
3. Edge of sign to be at least 600mm from carriageway. Cantilever the sign if necessary.
4. Mounting height to be 2.3m.

Post & Foundation Details

Supply : 2No. 80x80mm square posts
Overall length each : 5500mm
Post spacing : 750mm
Individual foundation size :
Width : 550mm
Length : 550mm
Depth : 1300mm

Construction Notes

1. Mounting height for signs to be 2.5 metres above ground level (unless otherwise specified).
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land / area / property.
4. Concrete used for post foundations to be type ST2.
5. All dimensions shown on drawing are in metres (m) unless otherwise specified.
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.

Posts Specification

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.
1. Dispose to tip 1No. triangular "Traffic lights ahead" sign.
2. Dispose to tip 1No. "120 yds" sign plate.
3. Electric supply & lighting unit to be disconnected and disposed of by others.
4. Supply 1No. sign (ref. ADZ181-01); and install on top of wide based post, type E(N).
5. Sign to be cantilevered toward back of footway, and have a minimum 500mm clearance to carriageway.
6. Mounting height will be approximately 2.4m

Street Lighting contractor
(Wide based post T23)
1. Disconnect wide based post and pot end existing power supply (Note: wide based post and signs to be retained in situ).
2. Disconnect & dispose to tip 1No. lighting unit from wide based post.
**Installation**

1. Install 2No. posts in suitable spot within grass verge as shown.
2. Supply 1No. sign (ref. ADZ197-01), and install centrally mounted on 2No. posts, type J(N).
3. Sign to have approximately 800mm clearance to carriageway.
4. Mounting height to be 2.3m.

**Post & Foundation Details**

Supply: 2No. 80x80mm square posts

Overall length each: 5500mm
Post spacing: 750mm

Foundation size for each post:

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>550mm</td>
<td>550mm</td>
<td>1300mm</td>
</tr>
</tbody>
</table>

**Concrete Details**

Supply: 2No. 80x80mm square posts

Overall length each: 5500mm
Post spacing: 750mm

Foundation size for each post:

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>550mm</td>
<td>550mm</td>
<td>1300mm</td>
</tr>
</tbody>
</table>

**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.
**Installation**

1. Install 2No. posts within grass verge (adjacent to footway), in a small clearing between existing trees.
2. Supply 1No. sign (ref. ADZ207-01), and install centrally mounted on 2No. posts; type J(N). Sign may overhang footway.
3. Mounting height to be 2.3m

**Post & Foundation Details**

Supply: 2No. 80x80mm square posts

Overall length each: 5400mm

Post spacing: 600mm

Combined post foundation size:

Width: 1000mm

Length: 600mm

Depth: 1200mm

(earth cover not to be installed)

**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail SD 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.
**Post & Foundation Details**

**Supply:**
- 2No. 114mmØ round posts

**POST 1 length:** 6000mm
**POST 2 length:** 6100mm

**Post spacing:** 1100mm

**Post stagger:** 250mm

**Individual post foundation size:**
- **Width:** 600mm
- **Length:** 600mm
- **Depth:** 1300mm

**Installation**
1. Install POST 1 directly in front of lamp column no. 14. Then, install POST 2 adjacent to it so that they are installed at a slight angle to carriageway using 250mm centre-to-centre post stagger.
2. Supply 1No. sign (ref. ADZ209-01); and install centrally mounted on 2No. posts; type KN).
3. Mounting height to be 2.5m

**SITE CLEARANCE**

**Take down and dispose to tip:**
1. 1No. rectangular direction sign (approx. W: 1.89m x H: 1.86m; 3.50m²).
2. 1No. 76mmØ round post.

**NOTE:** Lamp column no. 14 is to be retained in place.

**Posts Specification**
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

**Distance plate scaled to 80% of main x-ht**

- **Totterdown Knowle Whitchurch (A37)**
- **City centre (A4)**

**160 yds**

**Construction Notes**
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

**Scheme Ref.**
- ADZ209-01
- PLAN FACE
- WHITE

**Material**
- Class A42 (12899-1:2007)
- Area 4.76m²
### Post & Foundation Details

<table>
<thead>
<tr>
<th>Supply</th>
<th>2No. 114mm0 round posts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length each</td>
<td>5900mm</td>
</tr>
<tr>
<td>Post spacing</td>
<td>1950mm</td>
</tr>
<tr>
<td>Individual post foundation size</td>
<td>Width: 600mm, Length: 600mm, Depth: 1200mm (no earth cover)</td>
</tr>
</tbody>
</table>

### Post & Foundation Details

<table>
<thead>
<tr>
<th>Material</th>
<th>Border</th>
<th>Background</th>
<th>Sign</th>
<th>Scheme Ref.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHITE</td>
<td>BLACK</td>
<td>ADZ225-01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BLACK</td>
<td>WHITE</td>
<td>ADZ225-02</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Area Dimensions

<table>
<thead>
<tr>
<th>Area</th>
<th>Width</th>
<th>Height</th>
<th>x-height</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.48m²</td>
<td>50.0</td>
<td>75.0</td>
<td>2825mm</td>
</tr>
</tbody>
</table>

### Route arm Details

<table>
<thead>
<tr>
<th>Route arm</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0sw</td>
<td>4.0sw</td>
<td>20.0sw</td>
</tr>
</tbody>
</table>

### Site Clearance

**Site Clearance**

**Set aside for re-use on site:**
- 1No. "Ashton Park School" sign (approx. 0.42m²)
- 1No. BCC rectangular notice sign (approx. 0.20m²)

**Remove from site to tip:**
- 1No. rectangular notice sign (approx. 1.8m x W: 3.0m; 5.40m²)
- 2No. round posts (Ø114mm) from grass verge

**Installation**

1. Install centre of Post 1 within island grass verge, approximately 1.9 metre from the edge of carriageway.
2. Supply 1No. sign (ref. ADZ225-01), and install on 2No. round posts, type L(N). Sign will have approximately 1500mm clearance to carriageway (at Post 1) and will be approx. 2550mm AGL.
3. Supply 1No. sign (ref. ADZ225-02); and erect beneath large sign on Post 1; type E(N). Mounting height will be approx. 1850mm.
4. Re-erect 1No. "Ashton Park School" sign underneath sign on Post 1; type E(N). Mounting height will be approx. 1850mm.
5. Re-erect 1No. rectangular BCC notice sign underneath other signs on Post 2; type D(N).

### Speed Limit

- **SPEED LIMIT = 20**

### Construction Notes

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, and SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified otherwise on the drawing.

### Post Specifications

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

### Diagram

- **Blackwood Lane**
- Site plan with marked points of interest and sign locations.

---

**Scheme Ref.**

<table>
<thead>
<tr>
<th>Sign Ref.</th>
<th>x-height</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADZ225-01</td>
<td>75.0</td>
</tr>
<tr>
<td>ADZ225-02</td>
<td>50.0</td>
</tr>
</tbody>
</table>

**Letter colour**

- BLACK

**Background**

- BLACK

**Border**

- BLACK

**Material**

- Class RA2 (12899-1:2007)
Post & Foundation Details
Supply: 1No. 120x80mm rectangular post
Overall length: 5000mm

Post foundation size:
Width: 600mm
Length: 600mm
Depth: 1200mm

INSTALLATION
1. Install 1No. post in back of tarmac footway as shown.
2. Supply 1No. sign (ref. ADZ238-01), and install centrally mounted on 1No. post, type E(N).
3. Sign to face southbound traffic, and may overhang the wall.
4. Mounting height to be 2.3m

Material Scheme Ref.

<table>
<thead>
<tr>
<th>SIGN FACE</th>
<th>Width</th>
<th>Height</th>
<th>Area x-height</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADZ238-01</td>
<td>80.0</td>
<td>WHITE</td>
<td>1.81 m²</td>
</tr>
</tbody>
</table>

Letter colour
Background
Border
National Class RA2 (12899-1:2007)
Area 1.81m²

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Not drawn to scale.
**Clean Air Zone (CAZ)**

**Advance CAZ traffic signs**

**Location ADZ 275**

**Wyck Beck Road (A4018)**

---

**Post & Foundation Details**

- **Supply:** 2No. 114mmØ round posts
- **Overall length each:** 6100mm
- **Post spacing:** 630mm
- **Combined post foundation size:**
  - **Width:** 1100mm
  - **Length:** 600mm
  - **Depth:** 1400mm (no earth cover)

**INSTALLATION**

1. Install both new posts in grass verge at back of footpath, adjacent to tarmac surface. (as shown by attached cross section). New posts must not be installed within tarmac surface.
2. New combined concrete foundation may encroach onto tarmac footpath. Footpath to be reinstated using 150mm thick flexible footway construction (to SD 01-009-E).
3. Supply 1No. sign (ref. ADZ275-01); and install on 2No. posts; type K(N). Sign to be cantilevered over tarmac footpath toward carriageway; and must face southbound traffic heading toward Henbury (shown by red arrows).
4. Mounting height to be 2.5m

---

**Scheme Ref.:** ACZ275-01  
**k-height:** 120.0  
**Letter colour:** WHITE  
**Border colour:** BLUE  
**Width:** 1925mm  
**Height:** 2190mm  
**Material:** Class RAZ (1899-1:2007)  
**Area:** 4.22m²
El Sub Sta

BUCKLEWELL CLOSE

Lamp column no. 222
- Set aside 1 No. 40mph repeater sign (450mmØ) above existing diversionary route sign.

Lamp column no. 224
- Re-erect 1 No. 40mph repeater sign (450mmØ) above existing diversionary route sign.

Clean Air Zone 3 miles ahead

Clean Air Zone (CAZ) Advance CAZ D Traffic Signs

Location ADZ 288
A4 Portway (near Park Road)

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanized and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Material Scheme Ref.

Clean Air Zone 3 miles ahead

Charges apply Pay online

Post & Foundation Details
Supply: 2No. 80x80mm square posts
Overall length each: 5400mm
Post spacing: 800mm
Combined post foundation size:
Width: 1200mm
Length: 600mm
Depth: 1200mm (no earth cover)

Installation
1. Install 2No. posts within grass verge, next to carriageway hatch markings. Posts to be angled at approximately 20° angle to carriageway.
2. Supply 1 No. new sign (ref. ADZ288-01); and install centrally on 2No. square posts; type J(N). Sign to have a minimum 500mm clearance to carriageway.
3. Mounting height to be 2.3m

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanized and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Material Scheme Ref.

Clean Air Zone (CAZ) Advance CAZ D Traffic Signs

Location ADZ 288
A4 Portway (near Park Road)

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanized and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Material Scheme Ref.

Clean Air Zone (CAZ) Advance CAZ D Traffic Signs

Location ADZ 288
A4 Portway (near Park Road)

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanized and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Material Scheme Ref.

Clean Air Zone (CAZ) Advance CAZ D Traffic Signs

Location ADZ 288
A4 Portway (near Park Road)

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanized and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Material Scheme Ref.
**Clean Air Zone (CAZ)**

**Advance CAZ D Traffic Signs**

**Location ADZ 290**

**Portway (A4)**

**CITY DESIGN ENGINEERING DESIGN**

**Post & Foundation Details**

1. Install 2No. posts in grass verge, approximately 5 metres away from lamp column no. 54.
2. Supply 1No. sign (ref. ADZ290-01), and install centrally mounted on 2No. posts; type K(N).
3. Sign to have a minimum 800mm clearance to carriageway. Mounting height to be 2.3m.
4. Re-erect 1No. "50mph" speed roundel underneath on 1No. post (closer to carriageway); type A(N).

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Scheme Ref.**

<table>
<thead>
<tr>
<th>Sign Ref.</th>
<th>ADZ290-01</th>
</tr>
</thead>
<tbody>
<tr>
<td>x-height</td>
<td>120.0</td>
</tr>
</tbody>
</table>

**Letter Colour**

- WHITE

**Background**

- BLUE

**Border**

- WHITE

**Material**

- Class RA2 (12899-1:2007)
- Area 4.07m²
LOCATION No.2
1. Take up 1No. bare square post from vacant tree pit; and dispose to tip.
2. Install 1No. new post in same location as removed post in vacant tree pit.
3. Supply 2No. signs (refs. ADZ292-01 & ADZ292-02); and install in the order shown, centrally mounted on square post, type E(N).
4. Signs to face westbound traffic on Ashley Road heading for A38 Cheltenham Road.
5. Mounting height to lowest sign to be 2.3m.

Post & Foundation Details
Supply : 1No. 80x80mm square post
Overall length : 5300mm
Individual post foundation size :
Width : 600mm
Length : 600mm
Depth : 1200mm
(includes 150mm earth cover)

Construction Notes
1. Mounting height for signs to be 2.5 metres above ground level (unless otherwise specified).
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land / area / property.
4. Concrete used for post foundations to be type ST2.
5. All dimensions shown on drawing are in metres (m) unless otherwise specified.
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Materials
Scheme Ref. | Background | Border | Letter colour | Width | Height | Area |
--- | --- | --- | --- | --- | --- | --- |
ADZ292-01 | BLUE | WHITE | WHITE | 65.0 | | |
ADZ292-02 | BLACK | WHITE | BLACK | 50.0 | | |

Clean Air Zone (CAZ) Advance CAZ D Traffic Signs

Location ADZ 292
Ashley Road

Clean Air Zone 370 yards

Traffic enforcement cameras

Clean Air Zone 370 yards

SPEED LIMIT =
Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved by 372.
5. All dimensions shown on drawing are in metres (m).
6. All works to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified otherwise on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Traffic enforcement cameras

Scheme Ref.
Sign Ref. ADZ293-01
x-height 75.0
Letter colour BLACK SIGN FACE
Background WHITE Width 1425mm
Border BLACK Height 1255mm
Material Class RA2 (12899-1:2007) Area 1.78m²

SITE CLEARANCE
1. Set aside for re-use 1No. "End of bus lane" sign (approx. 500x300mm; 0.15m²).
2. Take up 1No. 80x80mm square post from concrete slab footway; and dispose to tip.

INSTALLATION
1. Install 2No. new posts in same location as removed post.
2. Supply 2No. signs (refs. ADZ293-01 & ADZ 293-02) on 2No. posts, type J(N), cantilevered over footway.
3. Re-erected 1No. "End of bus lane" sign immediately beneath "enforcement cameras" sign on kerb-side post; type DiN.
4. Mounting height to lowest sign to be 2.3m.

Lamp column no. 3
1. Dispose 1No. yellow diversion sign (approx 600x400mm; 0.24m²).
2. Other signs to remain in place.

Location ADZ 293
Cheltenham Road (A38)

Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects

Drawn by
Checked by
Issued by
Date
Page 28
**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

---

**SITE CLEARANCE**

1. Set aside for re-use 1 No. "No loading" plate (approx. area: 0.15m²).
2. Remove to tip 1 No. 80x80mm square post.

**INSTALLATION**

3. Install 1 No. post in back of footway in front of wall; in the location of removed square post.
4. Supply 1 No. sign (ref. ADZ301-01); and install centrally mounted on top of square post; type E(N).
5. Re-erect 1 No. "No loading" plate underneath; type D(N).
6. Both signs to be mounted parallel to wall at the back of footway. Mounting height to the lowest sign to be 2.5m

---

**Post & Foundation Details**

Supply: 1 No. 80x80mm square post  
Overall length: 5250mm

Individual post foundation size:

- Width: 600mm
- Length: 600mm
- Depth: 1200mm

---

**Scheme Ref.**

- Sign Ref. ADZ301-01  
- e-height: 65.0
- Letter colour: WHITE
- Background: BLUE  
- Width: 1005mm
- Height: 1315mm
- Material: Class RA2 (12899-1:2007)  
- Area: 1.32m²

---

**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

---

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.
ADZ312-01

**Advance Direction Sign**

**Supply and Fix new metal plate to existing sign - as per installation instructions below.**

**SITE CLEARANCE**

1. Set aside for re-use 1 No. "20mph" round speed limit sign.
2. Dispose to tip 1 No. "30mph" round speed limit sign.
3. Remove from footway 1 No. 89mmØ round post; and dispose to tip.

**INSTALLATION**

1. Install 1 No. post in slotted footway, in the same spot as removed round post.
2. Supply 1 No. sign (ref. ADZ312-01); and install centrally mounted on 1 No. post; type E(N).
3. Mounting height to this sign to be 2.3m
4. Re-erect 1 No. "20mph" round speed limit sign on back of CAZ sign (top of post); type A(N).

**Post & Foundation Details**

- **Supply:** 1 No. 80x80mm square post
- **Overall length:** 5150mm
- **Individual post foundation size:**
  - **Width:** 600mm
  - **Length:** 600mm
  - **Depth:** 1200mm

**Material**

- **Class RA2 (12899-1:2007)**
- **Border:** WHITE
- **Width:** 1085mm
- **Height:** 1500mm
- **Area:** 1.74m²

**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type B72.
5. All dimensions shown on drawing are in metres (m).
6. All works to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Signs Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

**Location ADZ 312**

**Lower Ashley Road**

**Local and Sustainable Transport**

- Management of Place - Growth & Regeneration
- Major Projects

**Drawn by:**

**JEM**

**Checked by:**

PO Box 3399, Bristol City Council, Bristol BS1 9NE
Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail SD 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Location ADZ 314
Lamb Street (A420)

Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs

Post & Foundation Details
- Supply: 2No. 80x80mm square posts
- Overall length each: 5400mm
- Post spacing: 600mm
- Combined post foundation size:
  - Width: 1000mm
  - Length: 600mm
  - Depth: 1200mm

Construction Note
Area of works is within a shared footway and cycleway. Contractor must maintain both pedestrian and cycle traffic during the works.

Charges apply
Pay online

Scheme Ref. ADZ314-01

ADZ314-01
80

White

BLUE

1240mm

1460mm

2.08m²

Material: Class RA2 (12899-1:2007)

PROJECT NUMBER: E19015
DRAWING NUMBER: C-ADZ314

1:500 @ A3

November 2020

JEM

November 2020

SDK

CITY DESIGN ENGINEERING DESIGN
PO Box 3399, Bristol City Council, Bristol BS1 9NE

Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects

Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs

Location ADZ 314
Lamb Street (A420)
**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any privet land, area, and property.
4. Concrete used for post foundations to be approved type B72.
5. All dimensions shown on drawings are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified otherwise on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

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**Post & Foundation Details**

- **Supply:** 2No. 114mm round posts
- **Overall length:** 5000mm
- **Spacing:** 800mm centres
- **Stagger:** 250mm approx (to achieve an angled sign of approx 20°)

**Individual post foundation size:**
- **Width:** 550mm
- **Length:** 550mm
- **Depth:** 1200mm

**INSTALLATION**

1. Install new posts in block paved footway, positioned so that the new signs will be angled approx 20° to carriageway.
2. Supply & erect signs (ref. ADZ 315-01 & ADZ 315-02), type J(N) and E(N), mounted centrally on posts.
3. Minimum mounting height will be 2.3m.
4. Clearance to carriageway to be at least 600mm. Signs may be cantilevered to achieve this.
Speed limit sign (1)
1. Take down from existing extension bracket, and dispose to tip 1No. "30mph" speed limit sign (height: 600mm).
2. Supply 1No. new "30mph" speed limit sign; and install on 1No. existing extension bracket, type A(N); in place of removed sign.

Speed limit sign (2)
1. Take down from existing post, and dispose to tip 1No. "30mph" speed limit sign (height: 600mm).
2. Supply 1No. new "30mph" speed limit sign; and install on 1No. existing post, type A(N); in place of removed sign.

INSTALLATION
1. Install Post 1 in approximately the same location as removed 1No. round post next to edge of kerb (aiming for a minimum 500mm clearance to carriageway for new sign). Then, proceed to install Post 2 in back of footway, approximately 200mm southward from removed second round post (posts will be slightly staggered).
2. Supply 1No. sign (ref. ADZ316-01); and install centrally mounted on 2No. posts; type J(N). Sign to be installed at slight angle to carriageway, and is allowed to overhang the low height wall at back of footway.
3. Mounting height to be 2.5m

SITE CLEARANCE
Take down, and dispose to tip:
1. 1No. direction sign (approx. W: 1.48m x H: 1.09m, 1.61m²).
2. 2No. 76mmØ round posts.

Construction Notes
1. Mounting height for signs to be nominal 2.5m above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.
**Construction Notes**
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type B72.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

**Construction Note**
Area of works is within a shared footway and cycleway. Contractor must maintain both pedestrian and cycle traffic during the works.

**Installation**
1. Install 2No. posts in front of tarmac footway, approximately 3 metres away from removed wide based post T6.
2. Supply 2No. signs (refs. ADZ319-01 & ADZ319-02), and install centrally mounted on 2No. posts in the order shown; type J(N).
3. Mounting height to lower sign to be 2.5m
4. Minimum clearance to carriageway to be 500mm.

**Refer to separate drawing ADZ 904 for additional street lighting works to be carried out by others.**

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**Traffic enforcement cameras**

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**Scheme Ref.**
- **Sign Ref.** ADZ319-01
  - **Letter colour** WHITE
  - **SIGN FACE** 65.0
  - **Material** Class R4 (13899-1:2007)
  - **Area** 1.19m²

- **Sign Ref.** ADZ319-02
  - **Letter colour** BLACK
  - **SIGN FACE** 50.0
  - **Material** Class R4 (13899-1:2007)
  - **Area** 0.38m²

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**Traffic enforcement cameras**

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**Clean Air Zone (CAZ)**
Advance CAZ D Traffic Signs

**Location ADZ 319**
Wade Street

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**Basic**

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**Advance CAZ D Traffic Signs**

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**Post Details**
- **Supply:** 2No. 80x80mm square posts
- **Overall length each:** 5200mm
- **Post spacing:** 500mm
- **Combined foundation size:**
  - **Width:** 1000mm
  - **Length:** 1000mm
  - **Depth:** 1100mm

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Traffic enforcement cameras**

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Charges apply Pay online**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Traffic enforcement cameras**

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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**Clean air zone 170 yds ahead**

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**Charges apply Pay online**

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**Traffic enforcement cameras**

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### Installation Details:
1. Install 1 No. new post in back of slabbed footway, in place of removed wide based post T13.
2. Supply 2 No. signs (refs. ADZ320-01 & ADZ320-02), and install centrally mounted on 1 No. post in the order shown, type E(N).
3. Mounting height to lower sign to be 2.3m
4. Note: wide based post T13 to be disconnected and removed by others.

### Post & Foundation Details:

<table>
<thead>
<tr>
<th>Supply</th>
<th>Width</th>
<th>Length</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 60x600mm square post</td>
<td>600mm</td>
<td>600mm</td>
<td>1200mm</td>
</tr>
</tbody>
</table>

Combined foundation size:

- Width: 600mm
- Length: 600mm
- Depth: 1200mm

### Text Areas:

1. CITY DESIGN ENGINEERING DESIGN
2. Location ADZ 320 Wellington Road
3. Local and Sustainable Transport
4. Management of Place - Growth & Regeneration
5. Major Projects

### Construction Notes:
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified otherwise on the drawing.

### Post Specifications:
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

### Cycle Route Patch:

1. Colours:
   1.1. White text and borders.
   1.2. Background colour RGB 0.179, 0.255
2. Tile height 6.4sw.
3. Border width 0.5sw.
4. Proportions based on DfT route patch (see DfT Working Drawing P2601.1).

### Embeded Table:

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<thead>
<tr>
<th>Area</th>
<th>Height</th>
<th>Width</th>
</tr>
</thead>
<tbody>
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<td>930mm</td>
</tr>
<tr>
<td>1.37m²</td>
<td>30.0</td>
<td>720mm</td>
</tr>
<tr>
<td>0.37m²</td>
<td>515mm</td>
<td>720mm</td>
</tr>
<tr>
<td>0.57m²</td>
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<td>720mm</td>
</tr>
</tbody>
</table>

### Diagram Details:
- Refer to separate drawing for location ADZ 904 for additional street lighting works to be carried out by others.
SITE CLEARANCE
1. Set aside for re-use 1No. existing "No waiting" plate (approx. 0.15m²).
2. Take down and dispose to tip 1No. 80x80mm square post.

INSTALLATION
1. Install 1No. new post in back of footway, in the same location as removed square post.
2. Supply 1No. sign (ref. ADZ328-01); and install on 1No. post, type E(N). Sign to be cantilevered over footway toward carriageway. Mounting height to this sign to be 2.3m.
3. Re-erect 1No. "No waiting" sign beneath, type D(N). This sign is to be installed parallel to carriageway.

Warning
Razor wire is currently present overhanging a private property wall at location of works. Contractor is to take additional safety measures whilst installing new post and signs.

Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs
Location ADZ 328
Avon Street
(near Feeder Road)

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>By</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 2021</td>
<td>Dear Down</td>
<td>JEM</td>
</tr>
<tr>
<td></td>
<td>Project Number</td>
<td>1500 @ A3</td>
</tr>
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</table>
|              | Drawing                              | C-ADZ328-

Drawn by: JEM
Issued by: SDK
Date: January 2021
Revision: C

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Post & Foundation Details

Supply: 1No. 120x80mm rectangular post
Overall length: 5100mm

Individual post foundation size:
Width: 600mm
Length: 600mm
Depth: 1300mm

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Material
Class RA2 (13999-1:2007)

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<table>
<thead>
<tr>
<th>Area</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1240mm</td>
<td>1860mm</td>
</tr>
</tbody>
</table>
SITE CLEARANCE
1. Set aside for re-use 1No. "20mph" rectangular speed limit sign (approx. 0.36m²).
2. Set aside for re-use 1No. "No loading" plate (approx. 0.10m²).
3. Remove to tip 1No. "30mph" rectangular speed limit sign (approx. 0.36m²).
4. Remove to tip 1No. 80x80mm square post.

INSTALLATION
1. Install 1No. post in back of footway in front of metal fence, in the same position as removed square post.
2. Supply 1No. sign (ref. ADZ329-01) and install on 1No. post; type E(N).
3. Mounting height to this sign to be 2.5m.
4. Re-erect 1No. "20mph" rectangular speed limit sign on back of sign ref. ADZ329-01.
5. Both signs to be cantilevered over footway toward carriageway, and must not overhang private land.
4. Re-erect 1No. "No loading" plate underneath CAZ sign; type D(N). Plate to be installed parallel to carriageway.

Post & Foundation Details
Supply:
1 No. 80x80mm square post
Overall length: 5100mm
Individual post foundation size:
Width: 600mm
Length: 600mm
Depth: 1200mm

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail SD 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.
**Construction Notes**

1. Mounting height for signs to be nominal 2.5m above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

**SITE CLEARANCE**

Remove from 2No. round posts and dispose to tip:

1. 1No. advance direction sign (approx: 2.0m²).
2. 1No. “RSPCA Clinic” sign (approx: 0.4m²).

Note: 2No. existing round posts to remain.

**INSTALLATION**

1. Supply 2No. signs (refs. ADZ330-01 & ADZ330-02); and install on 2No. existing round posts in the order shown; type J(N). Both signs to be cantilevered away from carriageway over railing.
2. Mounting height to the lowest sign is expected to be around 2.5m.

**Material Scheme Ref.**

<table>
<thead>
<tr>
<th>Scheme Ref.</th>
<th>Sign Ref.</th>
<th>x-Height</th>
<th>Letter Colour</th>
<th>Background</th>
<th>Width</th>
<th>Height</th>
<th>Area</th>
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<td>ADZ330-01</td>
<td>60.0</td>
<td>BLACK</td>
<td>WHITE</td>
<td>1200mm</td>
<td>1730mm</td>
<td>0.43m²</td>
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<tr>
<td></td>
<td>ADZ330-02</td>
<td>60.0</td>
<td>BLACK</td>
<td>WHITE</td>
<td>345mm</td>
<td>1245mm</td>
<td>2.08m²</td>
</tr>
</tbody>
</table>

**Construction Details**

- **Scheme Ref.:** ADZ330
- **Sign Ref.:** ADZ330-01, ADZ330-02
- **x-Height:** 60.0
- **Letter Colour:** BLACK
- **Background:** WHITE
- **Width:** 1200mm
- **Height:** 1730mm
- **Area:** 2.08m²
- **Material:** Class RA2 (12899-1:2007)
- **Class:** RA2
- **Height:** 1245mm
- **Area:** 0.43m²

**Location ADZ 330**

Feeder Road
(West of Avon Street)

**City Design**

PO Box 3399, Bristol City Council, Bristol BS1 9NE

**Clean Air Zone (CAZ)**

Advance CAZ D Traffic Signs

**Scale:** 1:500 @ A3

**Status:** Construction

**Project Number:** C-ADZ330

**Date:** November 2020

**Issued by:** JEM

**Drawing Revision:** E19015 - ADZ330
Bristol Animal Rescue Centre

**SITE CLEARANCE**
Take down, and dispose to tip:
1. 1No. rectangular direction sign (approx. W: 1.55m x H: 1.67m; 2.59m²).
2. 1No. "Bristol Animal" rectangular sign (approx. 0.45m²).
3. 2No. 114mmØ round posts.

**INSTALLATION**
1. Install Post 1 at the same location as removed round post (approximately 900mm from edge of kerb to centre of post).
2. Post 2 to be installed at back of farmyard footway, on the other side of utility chamber.
3. Supply 2No. signs (refs. ADZ331-01 & ADZ331-02); and install centrally mounted on 2No. posts in the order shown; type K(N) and type J(N) respectively.
4. Mounting height to the lowest sign to be 2.5m.
5. Note: New posts & signs must not directly overhang existing utility chamber in footway.

**Post & Foundation Details**
- Supply: 2No. 114mmØ round posts
- Overall length each: 5750mm
- Post spacing: 2400mm
- Individual post foundation size:
  - Width: 600mm
  - Length: 600mm
  - Depth: 1350mm

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**Construction Notes**
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, or property.
4. Concrete used for post foundations to be approved here 872.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.
**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type BT2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-07-002-C, and SD 07-07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-07-012-C.

**Material Scheme Ref.**

<table>
<thead>
<tr>
<th>Scheme Ref.</th>
<th>Background</th>
<th>Border</th>
<th>Letter Colour</th>
<th>Width</th>
<th>Height</th>
<th>Area</th>
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</thead>
<tbody>
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<td>BLACK</td>
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<td>1.37m²</td>
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<td>ADZ344-02</td>
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<td>BLACK</td>
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<td>390mm</td>
<td>0.39m²</td>
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</tbody>
</table>

**Clean Air Zone (CAZ)**

- **Advance CAZ D Traffic Signs**
- **Location ADZ 344**
- **Regent Road**

**Cleaning Air Zone 170 yds**

**Installation**

1. Install 1No. post in a suitable spot in front of tarmac footway as shown.
2. Supply 2No. signs (refs. ADZ344-01 & ADZ344-02); and install centrally mounted on 1No. post in the order shown; type E(N). Signs to have a minimum 500mm clearance to carriageway.
3. Mounting height to lowest sign to be 2.3m

**Post & Foundation Details**

- **Supply**: 1No. 80x80mm square post
- **Overall length**: 5300mm
- **Individual post foundation size**
  - **Width**: 600mm
  - **Length**: 600mm
  - **Depth**: 1200mm

**Charges apply Pay online**

**Traffic enforcement cameras**

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**Clean Air Zone (CAZ)**

- **Advance CAZ D Traffic Signs**
- **Location ADZ 344**
- **Regent Road**

**Cleaning Air Zone 170 yds**

**Installation**

1. Install 1No. post in a suitable spot in front of tarmac footway as shown.
2. Supply 2No. signs (refs. ADZ344-01 & ADZ344-02); and install centrally mounted on 1No. post in the order shown; type E(N). Signs to have a minimum 500mm clearance to carriageway.
3. Mounting height to lowest sign to be 2.3m

**Post & Foundation Details**

- **Supply**: 1No. 80x80mm square post
- **Overall length**: 5300mm
- **Individual post foundation size**
  - **Width**: 600mm
  - **Length**: 600mm
  - **Depth**: 1200mm

**Charges apply Pay online**

**Traffic enforcement cameras**

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**Clean Air Zone (CAZ)**

- **Advance CAZ D Traffic Signs**
- **Location ADZ 344**
- **Regent Road**

**Installation**

1. Install 1No. post in a suitable spot in front of tarmac footway as shown.
2. Supply 2No. signs (refs. ADZ344-01 & ADZ344-02); and install centrally mounted on 1No. post in the order shown; type E(N). Signs to have a minimum 500mm clearance to carriageway.
3. Mounting height to lowest sign to be 2.3m

**Post & Foundation Details**

- **Supply**: 1No. 80x80mm square post
- **Overall length**: 5300mm
- **Individual post foundation size**
  - **Width**: 600mm
  - **Length**: 600mm
  - **Depth**: 1200mm

**Charges apply Pay online**

**Traffic enforcement cameras**

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**Clean Air Zone (CAZ)**

- **Advance CAZ D Traffic Signs**
- **Location ADZ 344**
- **Regent Road**

**Installation**

1. Install 1No. post in a suitable spot in front of tarmac footway as shown.
2. Supply 2No. signs (refs. ADZ344-01 & ADZ344-02); and install centrally mounted on 1No. post in the order shown; type E(N). Signs to have a minimum 500mm clearance to carriageway.
3. Mounting height to lowest sign to be 2.3m

**Post & Foundation Details**

- **Supply**: 1No. 80x80mm square post
- **Overall length**: 5300mm
- **Individual post foundation size**
  - **Width**: 600mm
  - **Length**: 600mm
  - **Depth**: 1200mm

**Charges apply Pay online**

**Traffic enforcement cameras**

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**Clean Air Zone (CAZ)**

- **Advance CAZ D Traffic Signs**
- **Location ADZ 344**
- **Regent Road**

**Installation**

1. Install 1No. post in a suitable spot in front of tarmac footway as shown.
2. Supply 2No. signs (refs. ADZ344-01 & ADZ344-02); and install centrally mounted on 1No. post in the order shown; type E(N). Signs to have a minimum 500mm clearance to carriageway.
3. Mounting height to lowest sign to be 2.3m

**Post & Foundation Details**

- **Supply**: 1No. 80x80mm square post
- **Overall length**: 5300mm
- **Individual post foundation size**
  - **Width**: 600mm
  - **Length**: 600mm
  - **Depth**: 1200mm

**Charges apply Pay online**

**Traffic enforcement cameras**

---

**Clean Air Zone (CAZ)**

- **Advance CAZ D Traffic Signs**
- **Location ADZ 344**
- **Regent Road**

**Installation**

1. Install 1No. post in a suitable spot in front of tarmac footway as shown.
2. Supply 2No. signs (refs. ADZ344-01 & ADZ344-02); and install centrally mounted on 1No. post in the order shown; type E(N). Signs to have a minimum 500mm clearance to carriageway.
3. Mounting height to lowest sign to be 2.3m

**Post & Foundation Details**

- **Supply**: 1No. 80x80mm square post
- **Overall length**: 5300mm
- **Individual post foundation size**
  - **Width**: 600mm
  - **Length**: 600mm
  - **Depth**: 1200mm
Clean air zone 80 yds ahead

Charges apply Pay online

Traffic enforcement cameras

Scheme Ref:
Sign Ref: ADZ351-01
k-height 65.0
Letter colour: WHITE
Background: BLUE
Width: 1005mm
Border: WHITE
Height: 1185mm
Material: Class RA2 (12899-1:2007)
Area: 1.19m²

Clean air zone 80 yds ahead

Charges apply Pay online

Traffic enforcement cameras

Scheme Ref:
Sign Ref: ADZ351-02
k-height 50.0
Letter colour: BLACK
Background: WHITE
Width: 1005mm
Border: BLACK
Height: 390mm
Material: Class RA2 (12899-1:2007)
Area: 0.39m²

SITE CLEARANCE
1. Set aside for re-use 1No. "Pay & Display" sign (approx: 0.18m²).
2. Remove to tip 1No. 80x80mm square post.

INSTALLATION
1. Install 1No. new post in back of footway, in
the same location as removed square post.
2. Supply 2No. signs (refs. ADZ351-01 &
ADZ351-02); and install on 1No. post in the
order shown; type E(N). Signs to be
cantilevered over footway toward carriageway.
Sign to be angled and installed parallel to
carriageway; type D(N).
4. Mounting height to lowest sign to be 2.3m

All dimensions shown on drawing are in
metres (m).

All works to be carried out as BCC
Standard Detail 07-D(12), SD 07-D(13)
and SD 07-D(14).

The stated foundation depth includes
the reinstatement of surfaces.
8. All notes are subject to change if specified
differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed)
are to be supplied galvanised and painted
BLACK in accordance with BCC’s Street
Lighting specification.
2. Post foundations to be installed as Standard
Detail SD 07-D(12).

Project Management
Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects

Construction Notes
1. Mounting height for signs to be nominal 2.5
metres above ground level.
2. All signs (or part of signs) must have a
minimum 500mm clearance from the edge of
carriageway.
3. All signs (or part of signs) must not encroach
onto any private land, area, and property.
4. Concrete used for post foundations to be
approved type ST2.
5. All dimensions shown on drawing are in
metres (m).

Client
Major Projects
Management of Place - Growth & Regeneration

Title
Advance CAZ D Traffic Signs

Location ADZ 351
Bedminster Parade

Date Issued
October 2020

Date Drawn
August 2020

Drawing
Base

Issued By
JEM

Check By
SDK

Drawn By
JEM

Sheet
1:500 @ A3

Project Number
E19015 - C-ADZ351-
Baths
Bristol South
DEAN LANE
Post & Foundation Details
Supply:
1 No. 80x80mm square post
Overall length: 5050mm
Individual post foundation size:
Width: 600mm
Length: 600mm
Depth: 1200mm

INSTALLATION
1. Install 1 No. post in back of tarmac footway, in a suitable spot between concrete bollards.
2. Supply 1 No. sign (ref. ADZ361-01), and install centrally mounted on 1 No. post; type E(N).
   Sign may overhang BCC owned grass verge.
3. Sign to face northbound traffic on Dean Lane.
4. Mounting height to be 2.5m

Material Scheme Ref.
Background Border Letter colour
SIGN FACE Width Height Area x-height
ADZ361-01 65.0 WHITE BLUE WHITE 1.35m²

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs
Location ADZ 361
Dean Lane

Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects

Drawn by:
SDK
Issued by:
JEM

PO Box 3399, Bristol City Council, Bristol BS1 9NE
CITY DESIGN
ENGINEERING DESIGN
CONSTRUCTION

Clean air zone on A370 Coronation Rd
Charges apply Pay online

Scheme Ref.
Sign Ref. ADZ361-01
x-height 65.0
Letter colour WHITE
Background BLUE
Border WHITE
Material Class RA2 (J2899-1-2007) Area 1.35m²

Page 42 of 42
Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type B72.
5. All dimensions shown on drawing are in metres (m).
6. All works to be carried out as BCC Standard Detail 07-012-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified otherwise on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Refer to ADZ493 for this location.

Post & Foundation Details
Supply: 1 No. 80x80mm square post
Overall length: 5100mm

Individual post foundation size:
Width: 600mm
Length: 600mm
Depth: 1200mm

Clean Air Zone (CAZ) Advance CAZ D Traffic Signs
Location ADZ 362 Dean Lane

Traffic enforcement cameras

Clean air zone
40 yds ahead

Charges apply
Pay online
1. Install 1No. post in back of tarmac footway, in a suitable spot in front of fence. New post & signs to be slightly angled toward carriageway (at around 15°) so that they will face northbound traffic on St John’s Road.
2. Supply 2No. signs (refs. ADZ363-01 & ADZ363-02); and install on 1No. post in the order shown, cantilevered over footway toward carriageway; type E(N).
3. Mounting height to lowest sign to be 2.3m

**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified otherwise on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

**Material**

<table>
<thead>
<tr>
<th>Scheme Ref.</th>
<th>Height (m)</th>
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<th>Area (m²)</th>
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<tr>
<td>ADZ363-02</td>
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<td>0.39</td>
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</table>
Clean Air Zone 200 yds ahead

Charges apply Pay online

Traffic enforcement cameras

Clean Air Zone 200 yds ahead

Charges apply Pay online

INSTALLATION
1. Install 1No. post in tarmac footway, in front of property no. 294 as shown.
2. Supply 2No. signs (refs. ADZ374-01 & ADZ374-02); and install centrally on 1No. post in the order shown, type E(N).
3. Signs to have a minimum 500mm clearance to carriageway, and must not obstruct nearby house windows.
4. Mounting height to lowest sign to be 2.3m

Post & Foundation Details
Supply: 1No. 80x80mm square post
Overall length: 5100mm

Individual post foundation size:
Width: 600mm
Length: 600mm
Depth: 1200mm

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works to be carried out as BCC Standard Detail SD 07-015-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.
**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail SD-07-013-C, and SD-07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified otherwise on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted black in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD-07-012-C.

**Materials**

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**Scheme Ref:** ADZ 375-01

**Letter colour:** WHITE

**Background:** BLUE

**Border:** BLACK

**Material:** Class RA2 (12899-1:2007)

**Width:** 600mm

**Height:** 600mm

**Depth:** 1200mm

**INSTALLATION**

1. Install 1No. post in tarmac footway, next to tactile paving crossing as shown.
2. Supply 2No. signs (ref. ADZ375-01 & ADZ375-02), and install centrally mounted on 1No. post in the order shown; type E(N).
3. Minimum clearance to carriageway to be 500mm.
4. Mounting height to lowest sign to be 2.3m
WAITING RESTRICTION SIGN
Take down and dispose to tip:
1. 1No. rectangular sign (approx. 0.1m²).
2. 1No. 89mmØ round post.

SITE CLEARANCE
Existing blue background cycle direction sign and 2No. posts to be retained.

INSTALLATION
1. Install 2No. posts in tarmac footway, approximately in the same location as removed posts. New posts to be installed at a slight angle to carriageway using 200mm centre-to-centre post stagger.
2. Supply 2No. signs (refs. ADZ391-01 & ADZ391-02), and install centrally mounted on 2No. posts in the order shown; type J(N). New signs must not overhang private property wall.
3. Minimum clearance to carriageway to be 500mm.
4. Mounting height to the lowest sign to be 2.5m.

Post & Foundation Details
Supply: 2No. 89mmØ round posts
Overall length each: 5400mm
Post spacing: 1500mm
Post stagger: 200mm
Individual post foundation size:
Width: 500mm
Length: 1100mm

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works to be carried out as BCC Standard Detail SD 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Traffic Sign Specification
1. All existing signs to be removed.
2. New signs to be retained.

Location ADZ 391
North Street (B3120)

CITY DESIGN
ENGINEERING DESIGN
PO Box 3399, Bristol City Council, Bristol BS1 9NE

Scale: 1:500 @ A3

Description:
Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs

By: JEM
Issued by: JEM
Date: February 2021
Datum: 1.500 @ A3

Ref.: SDK
Date: February 2021

Page 4 of 7

Scheme Ref. ADC391-01
Title: Clean Air Zone (CAZ)
Location: ADZ 391

Scheme Ref. ADC391-02
Title: Advance CAZ D Traffic Signs
Location: North Street (B3120)
**Sign Face**

**FRAYNE ROAD**

**Scheme Ref.**

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<td>GREY</td>
<td>N/A</td>
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**Instagram**

Install sign ref. ADZ392-02 on top of 2No. new posts.

---

**Installation**

1. Install 2No. new posts in the same location as removed posts using 200mm centre-to-centre post stagger so that they are installed at a slight angle to carriageway.
2. Supply 2No. signs (refs. ADZ392-01 & ADZ392-02), and install on 2No. posts; type L(N) and Type J(N) respectively.
3. Minimum clearance to carriageway to be 500mm.
4. Mounting height to the lowest sign to be 2.5m

---

**Site Clearance**

Take down and dispose to tip:
1. 1No. rectangular direction sign (approx. W: 2.50m x H: 1.77; 4.42m²).
2. 2No. 114mmØ round posts.

---

**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, areas, and property.
4. Concrete used for foundation to be approved type B72.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

---

**Columns Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

---

**Scheme Ref.**

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**Location ADZ 392**

**Ashton Road**

---

**Project Number**

E19015 - C-ADZ392- -
**Post & Foundation Details**

Supply: 1No. 80x80mm square post

Overall length: 5100mm

Individual post foundation size:
- Width: 600mm
- Length: 600mm
- Depth: 1200mm

**INSTALLATION**

1. Install 1No. post in back of slabbled footway, in front of tall pillar as shown.
2. Supply 2No. signs (refs. ADZ408-01 & ADZ408-02); and install on square post in the order shown; type E(N).
3. Signs to be cantilevered over footway toward carriageway. Mounting height to lowest sign to be 2.3m

**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

**Material Scheme Ref.**

<table>
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<th>Width</th>
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**Scheme Ref.**

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<td>0.39m²</td>
<td>RA2 (12899-1:2007)</td>
</tr>
</tbody>
</table>
**INSTALLATION**

1. Relocate 1No. existing grit bin from current position toward the retaining wall, as shown on the photograph.
2. Install 1No. post in front of edge of wall (at bottom of the ramp with steps); as shown on the photograph.
3. Supply 2No. signs (refs. ADZ409-01 & ADZ409-02), and install on square post in the order shown; type E(N).
4. Signs to be cantilevered away from carriageway; and face traffic on St Michael's Hill heading south toward Upper Maudlin Street (shown by red arrows).
5. Signs to have a minimum 500mm clearance from carriageway. Mounting height to be 2.3m.

**Post & Foundation Details**

- **Supply:** 1No. 80x80mm square post
- **Overall length:** 5100mm
- **Individual post foundation size:**
  - **Width:** 600mm
  - **Length:** 600mm
  - **Depth:** 1200mm

**Scheme Ref.**

<table>
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</table>

**Material Class RA2 (12899-1:2007)**

- **Area:** 0.39m²
- **Width:** 1005mm
- **Height:** 390mm
- **Depth:** 1200mm

**Location ADZ 409**

St Michaels Hill

**Local and Sustainable Transport**

- Management of Place - Growth & Regeneration
- Major Projects

**Drawn by**

JEM

**Date Drawn**

October 2020

**Checked by**

SDK

**Date Issued**

October 2020

**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type BT2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Signs**

**Advance CAZ D Traffic Signs**

- Location ADZ 409
- St Michaels Hill

**Traffic enforcement cameras**

- Clean air zone 50 yds ahead
- Charge apply Pay online

**Cleaning new post in front of edge of wall here**

**Clean air zone 50 yds ahead**

**Charges apply Pay online**
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type B72.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail. SD 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification:
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Construction Notes:
1. Site clearance.
2. Posts specification.
3. Depth and length.

Post & Foundation Details:
Supply: 1No. 80x80mm square post
Overall length: 5100mm
Combined foundation size:
- Width: 600mm
- Length: 600mm
- Depth: 1200mm

Note: new post and signs must not obstruct any nearby building windows.

See separate drawing No. DZ055 for this CAZ D entry location.

Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects

CITY DESIGN
ENGINEERING DESIGN
PO Box 3399, Bristol City Council, Bristol BS1 9NE

Design: JEM
Checked by: SDK
November 2020

CONSTRUCTION
Date: 1:500 @ A3

Project Number: E19015
Drawing Revision: C-ADZ425-
Lamp column no. 2
1. Remove from lamp column and dispose to tip 2No. "25mph" round signs (height: 300mm).

INSTALLATION
1. Install 1No. post in back of slabbed footway, approximately 1 metre north to lamp column no. 2.
2. Supply 2No. signs (refs. ADZ432-01 & ADZ432-02); and install on 1No. post in the order shown: type E(N). Signs to be cantilevered over footway toward carriageway. Mounting height to the lower sign to be 2.3m.
3. Supply 1No. "20 mph" round speed limit sign (Diag. no. 670-20; height: 300mm); and install beneath, centrally mounted on 1No. post, type A(N).

Post & Foundation Details
Supply : 1No. 80x80mm square post
Overall length : 5300mm
Individual post foundation size :
Width : 600mm
Length : 600mm
Depth : 1200mm

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Clean Air Zone (CAZ) Advance CAZ D Traffic Signs
Location ADZ 432
Hillgrove Street

Traffic enforcement cameras
Clean air zone 80 yards
Charges apply Pay online

Traffic enforcement cameras
Clean air zone 80 yards
Charges apply Pay online

Scheme Ref.: ADZ432-01
Sign Ref.: ADZ432-01

Scheme Ref.: ADZ432-02
Sign Ref.: ADZ432-02

City Design
Engineering Design
PO Box 3399, Bristol City Council, Bristol BS1 9NE

CITY DESIGN
ENGINEERING DESIGN
PO Box 3399, Bristol City Council, Bristol BS1 9NE

JEM
November 2020

SDK
November 2020

PO Box 3399, Bristol City Council, Bristol BS1 9NE

Drawn by Checked by
JEM

Issued by
JEM

Project Number
E19015 - C-ADZ432

Status
1:500 @ A3

Sheet

Description

Location
Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs

Area: 0.39m²
Height: 390mm
Width: 1005mm
x-height: 65.0

Area: 1.37m²
Height: 1365mm
Width: 1005mm
x-height: 65.0

Date
Page
Date
Page
Date
Page

PO Box 3399, Bristol City Council, Bristol BS1 9NE

1200mm

500mm

2No. 80x80mm

5300mm

1No. 80x80mm
### Installation

1. Install 1No. square post in suitable spot in front of footway within the block paved area.
2. Supply 2No. signs (refs. ADZ433-01 & ADZ433-02), and install centrally mounted on square post in the order shown. Type E(N).
3. Clearance to carriageway to be at least 500mm. Ensure that new post does not obstruct the footway - signs may be cantilevered slightly to achieve this.
4. Mounting height to lowest sign to be 2.3m

---

### Post & Foundation Details

- **Supply:** 1No. 80x80mm square post
- **Overall length:** 5300mm

**Post foundation size:**
- **Width:** 600mm
- **Length:** 600mm
- **Depth:** 1200mm

---

### Traffic Enforcement Cameras

#### Scheme Ref.
- **Ref.: ADZ433-01**
  - **$h$:** 65.0
  - **Letter Colour:** WHITE
  - **Background Colour:** BLACK
  - **Border Colour:** WHITE
  - **Material:** Class RA2 (12899-1:2007)
  - **Area:** 1.37m²

#### Scheme Ref.
- **Ref.: ADZ433-02**
  - **$h$:** 50.0
  - **Letter Colour:** BLACK
  - **Background Colour:** BLACK
  - **Border Colour:** WHITE
  - **Material:** Class RA2 (12899-1:2007)
  - **Area:** 0.38m²
INSTALLATION

1. Install 2No. new posts in suitable spot in front of footway as shown.
2. Supply 2No. signs (refs. ADZ434-01 & ADZ434-02), and install on 2No. posts in the order shown, type J/N. Cantilever the signs over footway toward back of footway.
3. Minimum clearance to carriageway to be 500mm.
4. Mounting height to lowest sign to be 2.3m
Construction Notes

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting Specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

SITE CLEARANCE

1. Set aside for re-use 1No. "No loading" plate (approx. 0.10m²).
2. Disconnect 1No. lighting unit.
3. Remove from tarmac footway, and dispose to tip. 1No. wide based posts
4. 1No. rectangular sign (approx. 5.5m²)
5. 1No. lighting unit

NOTE: Posts and signs to be altered by others.

Street Lighting Contractor

1. Disconnect 2No. wide based posts.
2. Disconnect 1No. lighting unit
3. Re-erect 1No. "No loading" plate beneath on 1No. post (Right-hand-side); type D(N).

INSTALLATION

1. Install new posts in back of footway in front of and parallel to wall, in the same location as removed wide based posts.
2. Supply 2No. signs (refs. ADZ435-01 & ADZ435-02); and install centrally on 2No. posts in the order shown; type L(N) and J(N) respectively. Mounting height to the lower sign to be 2.3m
3. Re-erect 1No. "No loading" plate beneath on 1No. post (Right-hand-side); type D(N).

Refer to separate drawing DZ204 for this CAZ D boundary location

Refer to separate drawing ADZ 316 for this location

Refer to separate drawing C-ADZ435-02 for sign face details.

Refer to separate drawing ADZ 316 for this location

City Design Engineering Design

CITY DESIGN

DRAWING

E19015 C-ADZ435-01

PO Box 3399, Bristol City Council, Bristol BS1 9NE

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1.500 @ A3

December 2020

December 2020

Issued by

JEM

JEM

December 2020

Management of Place - Growth & Regeneration Major Projects

Local and Sustainable Transport

Advance CAZ D Traffic Signs
<table>
<thead>
<tr>
<th>Scheme Ref.</th>
<th>Sign Ref.</th>
<th>Letter colour</th>
<th>x-height</th>
<th>Background</th>
<th>Width</th>
<th>Height</th>
<th>Area</th>
<th>Material</th>
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<tbody>
<tr>
<td></td>
<td>ADZ435-01</td>
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<td>75.0</td>
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<td>2135mm</td>
<td>2515mm</td>
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<td>580mm</td>
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</table>

**Traffic enforcement cameras**

**Location ADZ 435**

**SIGN FACE DETAILS**

Location ADZ 435

**Advance CAZ D Traffic Signs**

Clean Air Zone (CAZ)
Three Lamps Hall Gospel Court 14 Belle Court 1 to 11 3a 70 6 7 58 24 36 148 76 7 407 7 491 8 778 3 309 10 179 48 165 71 305 639 13 408 17 639 215 OXFORD STREET

VERNON STREET

DUNMORE STREET

BELLEVUE ROAD

OXFORD STREET

BELLEVUE ROAD

HENRY STREET

Clean air zone

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Charges apply Pay online

Scheme Ref.
Sign Ref. ADZ436-01
n.height 65.0
Letter colour WHITE SIGN FACE
Background BLUE Width 1005mm
Border WHITE Height 1205mm
Material Glass R/A (120mm-1.2007) Area 1.24m²

SPEED LIMIT = 20

STREET VIEW -

Clean air zone

Page 57

Charges apply Pay online

Scheme Ref.
Sign Ref. ADZ436-02
n.height 50.0
Letter colour BLACK SIGN FACE
Background WHITE Width 1005mm
Border BLACK Height 250mm
Material Glass R/A (120mm-1.2007) Area 0.39m²

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail SD 07-013-C, and SD 07-014-C.
7. Post foundations to be installed as Standard Detail SD 07-012-C.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Material Scheme Ref.
Background Border Letter colour
Ref. SIGN FACE Width Height Area x-height

SIGN FACE

ADZ436-01 65.0 WHITE BLUE WHITE Class RA2 (12899-1:2007) 1.24m² 1235mm 1005mm

ADZ436-02 50.0 BLACK WHITE BLACK Class RA2 (12899-1:2007) 0.39m² 390mm 1005mm

Installation
1. Install new post in back of footway, adjacent to existing grit bin.
2. Supply 2No. signs (refs. ADZ436-01 & ADZ436-02); and install centrally on 1No. square post; type E(N).
3. Signs to be facing traffic on Bellevue Road heading toward Wells Road (as shown by red lines); and must not obstruct nearby "30mph" speed limit sign.
4. Mounting height to be 2.3m

Post & Foundation Details
Supply: 1No. 80x80mm square post Overall length: 5150mm

Individual post foundation size:

Width: 600mm Length: 600mm Depth: 1200mm

Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs

Location ADZ 436
Bellevue Road

Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects

JEM

August 2020

Construction

Phase

Clean Air Zone (CAZ)

Project Number

E19015-C-ADZ436-

CONSTRUCTION

1:500 @ A3

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Description

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Date

Project

Title

Client

Drawn by

Date Drawn

Rev.

Sheet

Description

By

Date

Number

Drawing

Revision

Clean Air Zone (CAZ)

Advance CAZ D Traffic Signs

Location ADZ 436
Bellevue Road

Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects

JEM

August 2020

Construction

Phase

Clean Air Zone (CAZ)

Project Number

E19015-C-ADZ436-

CONSTRUCTION

1:500 @ A3

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Title

Client

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Date Drawn

Rev.

Number

Drawing

Revision
**Material**

**Scheme Ref.**

**Background**

**Border**

**Letter colour**

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<th>Ref.</th>
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**Class RA2 (12899-1:2007)**

**Width**

**Height**

**Area**

**x-height**

**SIGN FACE**

**Cycle Way**

**Works**

**1 to 9**

**107**

**Cycle Way**

**NEW QUEEN STREET**

**Depot**

**WHITEHOUSE STREET**

**Post & Foundation Details**

**Supply:** 1No. 80x80mm square post

**Overall length:** 5100mm

**Width:** 600mm

**Length:** 600mm

**Depth:** 1200mm

**INSTALLATION**

1. Install 1No. new post in a suitable spot in slabbed footway, next to cycle way as shown.
2. Supply 2No. signs (refs. ADZ438-01 & ADZ438-02), and install centrally on 1No. post in the order shown, type E(N). Ensure signs do not overhang the cycle way.
3. Signs to be facing northbound traffic on Whitehouse Street as shown by red lines.
4. Mounting height to be 2.3m

** posts specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted black in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

**Concrete used for post foundations to be approved type ST2.**

**All dimensions shown on drawing are in metres (m).**

**The stated foundation depth includes the reinstatement of surfaces.**

**Clean Air Zone (CAZ)**

**Advance CAZ D Traffic Signs**

**Location ADZ 438**

**Whitehouse Street**

**Local and Sustainable Transport**

**Management of Place - Growth & Regeneration**

**Major Projects**

**JEM**

**August 2020**

**CONSTRUCTION**

**Issue: 1:500 @ A3**

**PO Box 3399, Bristol City Council, Bristol BS1 9NE**

**CLEAN AIR ZONE**

**250 yds ahead**

**Charges apply Pay online**

**Traffic enforcement cameras**

**Clean air zone 250 yds ahead**

**Clean air zone 250 yds ahead**

**Charges apply Pay online**

**Traffic enforcement cameras**
**Installation**
1. Install 1No. post in back of tarmac footway within the highway boundary, south to tactile paving crossing as shown.
2. Supply 2No. signs (refs. ADZ462-01 & ADZ462-02), and install centrally mounted on square post in the order shown; type E(N). Note: signs are allowed to overhang paved footway.
3. Mounting height to be 2.3m.

**Post & Foundation Details**
- **Supply:** 1No. 80x80mm square post
- **Overall length:** 5100mm
- **Combined foundation size:**
  - **Width:** 600mm
  - **Length:** 600mm
  - **Depth:** 1200mm

Refer to ADZ 409 for this location

**Material Scheme Ref.**

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<td></td>
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<td></td>
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<td></td>
<td>390mm</td>
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**Construction Notes**
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

**Local and Sustainable Transport Management of Place - Growth & Regeneration Major Projects**

<table>
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<th>Client</th>
<th>Drawn by</th>
<th>Date Drawn</th>
<th>Checked by</th>
<th>Date Checked</th>
<th>Issued by</th>
<th>Date Issued</th>
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<tr>
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<td>JEM</td>
<td>October 2020</td>
<td>SDK</td>
<td>October 2020</td>
<td>JEM</td>
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**Location ADZ 462 Horfield Road**

**Scheme Ref.**
- **Ref.:** ADZ462-01
  - **x-Height:** 65.0
- **Ref.:** ADZ462-02
  - **x-Height:** 50.0

**Letter colour:**
- **WHITE**
- **BLACK**

**Background:**
- **BLUE**
- **WHITE**

**Material Class R2**
- **RA2 (12899-1:2007)**

**Designation:**
- **RA2**

**Sign FACE Material Scheme Ref.**

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<tr>
<td>600mm</td>
<td>1005mm</td>
<td>1.19m²</td>
<td>1005mm</td>
</tr>
</tbody>
</table>
Installation Details

1. Install 1No. post in grass verge, adjacent to end of footpath as shown.
2. Supply 2Nos. signs (refs. ADZ478-01 & ADZ478-02), and install centrally mounted on square post in the order shown; type E(N). Signs to be facing drivers leaving the car park (as shown by red arrows).
3. Mounting height to the lower sign to be 2.1m. Minimum clearance to carriageway to be 500mm.

Post & Foundation Details

Supply: 1No. 80x80mm square post
Overall length: 4900mm

Individual post foundation size:
Width: 1200mm
Length: 600mm
Depth: 600mm

Ref. ADZ479-02

Post & Foundation Details

Supply: 2No. 80x80mm square post
Overall length: 4900mm

Individual post foundation size:
Width: 1200mm
Length: 600mm
Depth: 600mm

Ref. ADZ478-02
1. Install 1No. post in grass verge, approximately half way between private lamp column and "Give way" sign. New post and signs are to be angled in the same way as existing "Give way" sign in order to face drivers leaving the petrol station. New signs must not obstruct the "Give way" sign.
2. Supply 2No. signs (refs. ADZ479-01 & ADZ479-02), and install centrally mounted on square post in the order shown; type E(N).
3. Mounting height to the lower sign to be 2.1m. Minimum clearance to carriageway to be 500mm.

Post & Foundation Details

Supply: 1No. 80x80mm square post
Overall length: 5200mm
Individual post foundation size:
Width: 600mm
Length: 600mm
Depth: 1200mm (includes 150mm earth cover)

Installation Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type B72.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are to subject to change if specified differently on the drawing.

Private lamp column

ASDA car park

Private Land
No work to be carried out without confirmation from Engineer that wayleave/consent has been granted to BCC to install new signs.

Refer separate drawing DZ062 for this CAZ D boundary location

Refer separate drawing DZ041 for this location

Refer separate drawing DZ016 for this CAZ D boundary location

Construction Notes
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.
No work to be carried out without confirmation from Engineer that wayleave/consent has been granted to BCC to install new signs.

**INSTALLATION**

1. Install 1No. post in slabbéd footway; in line with metal bollard as shown (around 500mm gap).
2. Supply 2No. signs (refs. ADZ482-01 & ADZ482-02); and install centrally mounted on 1No. post in the order shown; type E(N). Signs to be facing traffic going toward Old Park Hill (as shown by red arrows).
3. Mounting height to the lower sign to be 2.3m.
4. Minimum clearance to carriageway to be 500mm.

**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

**Location ADZ 482**

**Adams Avenue**

**Local and Sustainable Transport**

**Management of Place - Growth & Regeneration**

**Major Projects**

**CITY DESIGN ENGINEERING**

**DESIGN**

PO Box 3399, Bristol City Council, Bristol BS1 9NE

**Scale**

1:500 @ A3

**Date**

November 2020

**Issued by**

JEM

**Check by**

SDK

**Prepared**

Clean Air Zone (CAZ)

Advance CAZ D Traffic Signs

**Post & Foundation Details**

Supply: 1No. 80x80mm square post
Overall length: 5100mm

Individual post foundation size:
Width: 600mm
Length: 600mm
Depth: 1200mm

**Scheme Ref.**

ADZ482-01

**Sign Ref.**

ADZ482-01

**Height**

65.0

**Letter colour**

WHITE

**Background**

BLUE

Width: 1005mm

**Border**

WHITE

Height: 1185mm

**Material**

Class RA2 (12899-1:2007)

Area: 1.19m²

**Existing metal bollards to be retained in footway.**
INSTALLATION
1. Install 1No. post in suitable spot in back of tarmac footway, approximately 15 metres from lamp column no. 24.
2. Supply 2No. signs (refs. ADZ490-01 & ADZ490-02); and install on 1No. post in the order shown; type E(N). Both signs to be cantilevered over footway toward carriageway.
3. Signs to be facing eastbound traffic on Ashton Road heading toward A370 Brunel Way.
4. Mounting height to the lowest sign to be 2.3m.

Post & Foundation Details
Supply : 1No. 80x120mm rectangular post
Overall length : 5900mm

Individual post foundation size :
Width : 700mm
Length : 700mm
Depth : 1400mm
**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.

**Location ADZ 491**

Raleigh Road

**Local and Sustainable Transport**

Management of Place - Growth & Regeneration

Major Projects

**Advance CAZ D Traffic Signs**

Garage gate

**Revised**

Date

Description

*Clean Air Zone (CAZ)*

**Start: August 2020**

**Completion: October 2020**

**CONSTRUCTION**

1:500 @ A3

E19015  -C-AD2491-
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type B72.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Details 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified otherwise on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanized and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Details SD 07-012-C.

**Construction Notes**

1. **INSTALLATION**
   - Install 1No. post in back of farmac footway next to street name sign, at a point where the footway widens. Post and signs to be angled approx. 30° to carriageway in order to face westbound traffic on Park Road.
   - Supply 2No. signs (ref. AD2492-01 & AD2492-02); and install on 1No. post in the order shown; type E(N). Signs to be cantilevered over footway toward carriageway.
   - Have a minimum 500mm clearance to carriageway.
   - Mounting height to lowest sign to be 2.3m

---

**Scheme Ref.**

- **Sign Ref.**: AD2492-01
- **x-height**: 65.0
- **Letter colour**: WHITE
- **Background**: BLACK
- **Border**: WHITE
- **Material**: Class RA2 (12899-1:2007)
- **Width**: 1905mm
- **Height**: 1225mm
- **Area**: 1.24m²

---

**Scheme Ref.**

- **Sign Ref.**: AD2492-02
- **x-height**: 50.0
- **Letter colour**: BLACK
- **Background**: WHITE
- **Border**: BLACK
- **Material**: Class RA2 (12899-1:2007)
- **Width**: 1000mm
- **Height**: 390mm
- **Area**: 0.39m²

---

**Location ADZ 492**

**Park Road**

- **Local and Sustainable Transport**
- **Management of Place - Growth & Regeneration**

**Projects**

- **Advance CAZ D Traffic Signs**

**Revision**

- **Drawing**: 1:500 A3
- **Scale**: 1:500 @ A3
- **Issued by**: JEM
- **Date**: August 2020
- **Checked by**: SDK
- **Issued by**: JEM
- **Date Issued**: October 2020

---

**Materials, Background, Letter colour, Sign, Scheme Ref.**

- Material
- Border
- Background
- Letter colour
- Sign
- Scheme Ref.
Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Material Scheme Ref.

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<thead>
<tr>
<th>Background</th>
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<tr>
<td>WHITE</td>
<td>SIGN FACE</td>
<td>WHITE</td>
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<tr>
<td>BLUE</td>
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<tr>
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Scheme Ref.
ADZ493-01

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Clean Air Zone (CAZ) Advance CAZ D Traffic Signs
Location ADZ 493 Southville Road

Local and Sustainable Transport Management of Place - Growth & Regeneration Major Projects

PO Box 3399, Bristol City Council, Bristol BS1 9NE

CITY DESIGN ENGINEERING DESIGN

Drawn by JEM
Checked by SDK
Issued by JEM

August 2020

CONSTRUCTION
Scale 1:500 @ A3

Project Number
E19015 -C-ADZ493-
SITE CLEARANCE
1. Set aside 1No. "Car Club" plate for re-use (approximately: 0.15m²).
2. Remove to tip 1No. 80x80mm square post.

INSTALLATION
1. Install 1No. post in front of footway - aim for the same position as removed square post.
2. Supply 2No. signs (refs. ADZ494-01 & ADZ494-02), and install on square post in the order shown: type E(N). Both signs to be cantilevered over footway away from carriageway, and to be facing north-east bound traffic heading toward Park Street (shown by red arrows).
3. Mounting height to the lower sign to be 2.3m. Minimum clearance to carriageway to be 700mm.
4. Re-erect 1No. "Car Club" plate underneath - to be installed parallel to carriageway; type D(N).
**SITE CLEARANCE**

1. Set aside 1No. "Waiting restriction" plate for re-use (approximately: 0.15m²).
2. Remove to tip 1No. 80x80mm square post.

**INSTALLATION**

1. Install 1No. post in back of slabbed footway, in the same position as removed square post.
2. Supply 2No. signs (refs. ADZ496-01 & ADZ496-02), and install on square post in the order shown; type E(N). Mounting height to the lower sign to be 2.3m
3. Signs to be cantilevered over footway toward carriageway, and have a minimum 500mm clearance to it.
4. Re-erect 1No. "Waiting restriction" plate beneath; type D(N). Plate to be installed parallel to carriageway.

---

### Construction Notes

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

### Posts Specification

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

---

**Traffic Surveillance**

- Clean air zone
- Charges apply Pay online
- Traffic enforcement cameras

---

## Location ADZ 496
Woodland Road

- Local and Sustainable Transport Management of Place - Growth & Regeneration Major Projects

**Drawn by:** JEM
**Checked by:** SDK
**Date Drawn:** November 2020
**Issued by:** JEM
**Scale:** 1:500 @ A3

---

**Post & Foundation Details**

- **Supply:** 1No. 80x80mm square post
- **Overall length:** 5150mm
- **Individual post foundation size:**
  - **Width:** 600mm
  - **Length:** 600mm
  - **Depth:** 1200mm

---

### Scheme Details

- **Scheme Ref.:** ADZ496-01
- **Ref.:** ADZ496-02
- **Letter colour:** WHITE
- **Background:** WHITE
- **Border:** BLACK
- **Material:** Class RA2 (12899-1:2007)

### Area and Dimensions

- **Area:**
  - 1No. 89mmØ round post, located next to lamp column no. 1
  - 1.24m²

---

**Post Details**

- **Post Ref:** ADZ496-01
- **Width:** 1005mm
- **Height:** 1235mm

---

**Border Details**

- **Width:** 50.0mm
- **Height:** 1125mm
- **Material:** Class RA2 (12899-1:2007)

---

**Background Details**

- **Width:** 1005mm
- **Height:** 500mm
- **Material:** Class RA2 (12899-1:2007)

---

**Letter Colour Details**

- **Width:** 50.0mm
- **Height:** 1125mm
- **Material:** Class RA2 (12899-1:2007)

---

**Traffic Sign Details**

- **Width:** 50.0mm
- **Height:** 1125mm
- **Material:** Class RA2 (12899-1:2007)
1. Take down and dispose to tip 1No. "P" parking direction sign (approx. 1.0m²).
2. Re-erect 1No. "20mph" sign on lamp column, in pace of removed "P" direction sign; type A(N).
3. Other signs to remain on lamp column.

1. Take down for re-use 2No. "20mph" speed limit signs (height: 300mm).
2. Take down and dispose to tip 1No. "MOTOR VEHICLES" rectangular sign (approx: 1.2m²).
3. Other signs to remain on lamp column.

---

**Clean air zone 600 yds ahead**

**Charges apply Pay online**
1. Install 1No. post in back of tarmac footway as shown, ensuring that it does not obstruct any building windows.

2. Supply 2No. signs (refs. ADZ500-01 & ADZ500-02), and install on square post in the order shown; type E(N). Signs to be cantilevered over footway toward carriageway, and have a minimum 500mm clearance to it.

3. Mounting height to be 2.3m.

**Post & Foundation Details**

- **Supply:** 1No. 80x80mm square post
- **Overall length:** 5100mm
- **Combined foundation size:**
  - **Width:** 600mm
  - **Length:** 600mm
  - **Depth:** 1200mm

**Material Scheme Ref.**

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<tr>
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<th>Border</th>
<th>Letter Colour</th>
<th>Sign Face</th>
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</thead>
<tbody>
<tr>
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**Scheme Ref.**

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<th>Ref.</th>
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**Letter Colour**

| BLACK | WHITE |

**Background**

| WHITE | 1185mm |

**Border**

| 1005mm |

**Material Class RA2 (12899-1:2007) | Area: 0.39m² |

---

**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.

2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.

3. All signs (or part of signs) must not encroach onto any private land, area, and property.

4. Concrete used for post foundations to be approved type ST2.

5. All dimensions shown on drawing are in metres (m).

6. All works are to be carried out as BCC Standard Detail 07-012-C, 07-013-C, and 07-014-C.

7. The stated foundation depth includes the reinstatement of surfaces.

8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.

2. Post foundations to be installed as Standard Detail SD 07-012-C.

---

**Clean Air Zone (CAZ)**

**Advance CAZ D Traffic Signs**

**Location ADZ 500**

**New Thomas Street**

**Engineers**

**Local and Sustainable Transport Management of Place - Growth & Regeneration Major Projects**

<table>
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<th>JEM</th>
<th>Checked by</th>
<th>SDK</th>
<th>Issued by</th>
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<td>October 2020</td>
<td>October 2020</td>
<td>JEM</td>
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**Issue Number**

1:500 @ A3

**Scale**

**Drawing Title**

E19015 - C-ADZ500-
Post & Foundation Details
Supply: 1No. 80x80mm square post
Overall length: 5300mm
Individual post foundation size:
Width: 600mm
Length: 600mm
Depth: 1200mm

INSTALLATION
1. Install new post in back of tarmac footway, in front of low height retaining kerb.
2. Supply 2No. signs (refs. ADZ503-01 & ADZ503-02); and install centrally mounted on 1No. post in the order shown; type E(N). Both signs to be installed parallel to carriageway, and face traffic on Hill Avenue approaching St Lukes Road.
3. Mounting height to lower sign to be 2.3m

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs
Location ADZ 503
St Lukes Road
(opposite Hill Avenue)

Traffic enforcement cameras

Scheme Ref.
Sign Ref. ADZ503-01
x-height 65.0
Letter colour WHITE
Background BLUE
Width 1005mm
Border WHITE
Height 1365mm
Material Class RA2 (13899-1:2007) Area 1.37m²

Scheme Ref.
Sign Ref. ADZ503-02
x-height 50.0
Letter colour BLACK
Background WHITE
Width 1005mm
Border BLACK
Height 900mm
Material Class RA2 (13899-1:2007) Area 0.39m²

Project
Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs

Location
St Lukes Road
(opposite Hill Avenue)

Scheme
Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects

Drawn by JEM
Checked by SDK
Issued by JEM
November 2020
1:500 @ A3
E19015-CA-DZ503-
Installation (Existing Square Post)
1. Supply 2No. signs (refs. ADZ504-01 & ADZ504-02) and install on top of 1No. existing square post in the order shown, type E(N). Both signs to be cantilevered over footway towards carriageway (minimum clearance to carriageway to be 450mm). Signs must not overhang onto private property.

Lamp Column no. 24
1. Take down and dispose to tip 1No. "20mph" speed limit sign (300mm height).
2. Supply 2No. new "20mph" speed limit signs (Diag. 670-20; height: 300mm) and install back-to-back on lamp column in the same position; type A(N).

Traffic enforcement cameras

No loading
Mon - Frl
8.00 - 9.15 am
4.45 - 6.00 pm
Existing "No loading" sign

Take down, and dispose to tip:
1. 1No. "No loading" sign (approx: 0.15m²)
2. 1No. 89mmØ round post (in tarmac footway)

INSTALLATION
1. Install 1No. new post in back of tarmac footway, in the same position as removed round post.
2. Re-erect back-to-back 2No. "Bristol Jamia Mosque" signs, centrally mounted on top of the post, type D(N). Signs are allowed to overhang grass verge. Mounting height to these signs to be 2.5m
3. Supply 2No. new "20mph" speed limit signs (Diag: 670-20; height: 300mm); and install back-to-back beneath; type A(N).
4. Supply 1No. new sign (ref. ADZ504-03); and erect beneath; type D(N). Sign to be installed parallel to carriageway.

Post & Foundation Details

<table>
<thead>
<tr>
<th>Supply</th>
<th>Overall length</th>
<th>Individual post foundation size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>Length</td>
<td>Depth</td>
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<tr>
<td>500mm</td>
<td>500mm</td>
<td>900mm</td>
</tr>
</tbody>
</table>

SPEED LIMIT = 20

STREET VIEW -

ST LUKES ROAD

HILL AVENUE

WINDSOR TERRACE

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type B72.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail SD 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Scheme Ref. ADZ504-01

Letter colour WHITE

Background BLUE

Material Class RA2 (12899-1-2007)

Area 0.19m²

Scheme Ref. ADZ504-02

Letter colour BLACK

Background WHITE

Material Class RA2 (12899-1-2007)

Area 0.39m²

Scheme Ref. ADZ504-03

Letter colour BLACK

Background WHITE

Material Class RA2 (12899-1-2007)

Area 0.07m²

Traffic enforcement cameras

Clean Air Zone 1 mile ahead

Charges apply Pay online

No loading Mon - Fri
6.00 - 9.15 am
4.45 - 6.00 pm

Refer to Plan 1 for further construction details.
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved types ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

**Installation**

1. Install new post in the middle of tarmac area of central island, between feeder pillar and shrubbery.
2. Supply 1No. sign (ref. AD2505-01); and install centrally mounted on 1No. post, type E(N). Sign to be facing southbound traffic on Whiteladies Road (as shown by red lines). Mounting height to this sign to be 2.3m.
3. Supply 2No. “20mph” speed limit signs (Diag. 670-20; height: 300mm); and install back-to-back beneath, type A(N).
4. Minimum clearance to carriageway to be 500mm.

---

**Scheme Ref.**

Sign Ref. AD2505-01

**Material**

Cast R2A (12899-1:2007) Area 1.38m²

**Letter Colour**

WHITE

**Border Colour**

WHITE

**Background Colour**

BLUE

**Height**

1.28mm

**Width**

1085mm

**v-height**

70.0
1. Install 2No. new posts in slabbled footway, close to location of removed round posts. Ensure that new posts are set away clear from overhead building canopy.
2. Supply 2No. signs (refs. ADZ506-01 & ADZ506-02); and install centrally mounted on 2No. posts in the order shown; type J(N). Mounting height to lower sign to be 2.3m.
3. Both signs to be facing drivers emerging from Cabot Circus car park (as shown by red arrows).

SITE CLEARANCE
Remove from slabbled footway, and dispose to tip:
- 1No. rectangular gray background direction sign (approx. 2.8m²).
- 2No. 114mmØ round posts.
- Remove any overgrown vegetation from footway before installing new posts and signs.

Refer to separate drawing ADZ 904 for additional street lighting works to be carried out by others.
Install 2No. posts in grass, approximately midway between lamp column nos. 5 & 7.

2. Supply 1No. sign (ref. ADZ510-01), and install centrally mounted on 2No. posts; type J(N).

3. Sign to be facing west-bound traffic on Clarence Road.

4. Mounting height to be 2.5m.

### Post & Foundation Details

- **Supply**: 2No. 80x80mm square posts
- **Overall length**: 5350mm
- **Spacing**: 700mm
- **Combined foundation size**:
  - **Width**: 1250mm
  - **Length**: 1300mm
  - **Depth**: 1000mm (no earth cover)

### INSTALLATION

1. Mounting height for signs to be nominal 2.5 metres above ground level.

2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.

3. All signs (or part of signs) must not encroach onto any private land, area, and property.

4. Concrete used for post foundations to be approved type ST2.

5. All dimensions shown on drawing are in metres (m).

6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.

7. The stated foundation depth includes the reinstatement of surfaces.

8. All notes are subject to change if specified differently on the drawing.

### Construction Notes

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.

2. Post foundations to be installed as Standard Detail SD 07-012-C.

### Posts Specification

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.

2. Post foundations to be installed as Standard Detail SD 07-012-C.
1. Install new posts in suitable spot adjacent to lamp column no. 59, approximately in the same location as removed previous posts.
2. Supply 1No. sign (ref. ADZ512-01); and install centrally mounted on 2No. posts; type L(N). Sign to have 600mm clearance to carriageway. Mounting height to be 2.5m
3. Sign must not overhang nearby "ATS EUROMASTER" garage private land.

**SITE CLEARANCE**

Take down, and dispose to tip:
A. 1No. rectangular sign (approx: H: 1.46m x W: 1.93m; 2.82m²)
B. 2No. 76mmØ round posts

**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified otherwise on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.
1. Take down 2No. speed limit signs (20mph & 30mph), and dispose both to tip (height: 600mm).
2. Supply 1No. new "20mph" speed limit sign (Diag. 670-20; height: 600mm); and install on top of 1No. existing post, type A(N).
3. Supply 1No. new "30mph" speed limit sign (Diag. 670-30; height: 600mm); and install on back of "20mph" sign, type A(N).

See separate drawing ADZ 519 for this location

Lamp column no. 6
1. Take down 2No. speed limit signs (20mph & 30mph), and dispose both to tip (height: 600mm).
2. Supply 1No. new "20mph" speed limit sign (Diag. 670-20; height: 600mm); and install on top of 1No. existing post, type A(N).
3. Supply 1No. new "30mph" speed limit sign (Diag. 670-30; height: 600mm); and install on back of "20mph" sign, type A(N).

See separate drawing ADZ 207 for this location

Lamp column no. 5
1. Take down 2No. speed limit signs (20mph & 30mph), and dispose both to tip (height: 600mm).
2. Supply 1No. new "20mph" speed limit sign (Diag. 670-20; height: 600mm); and install on top of 1No. existing post, type A(N).
3. Supply 1No. new "30mph" speed limit sign (Diag. 670-30; height: 600mm); and install on back of "20mph" sign, type A(N).

See separate drawing ADZ 519 for this location

Lamp column no. 4
1. Take down 2No. speed limit signs (20mph & 30mph), and dispose both to tip (height: 600mm).
2. Supply 1No. new "20mph" speed limit sign (Diag. 670-20; height: 600mm); and install on top of 1No. existing post, type A(N).
3. Supply 1No. new "30mph" speed limit sign (Diag. 670-30; height: 600mm); and install on back of "20mph" sign, type A(N).

See separate drawing ADZ 207 for this location

Lamp column no. 3
1. Take down 2No. speed limit signs (20mph & 30mph), and dispose both to tip (height: 600mm).
2. Supply 1No. new "20mph" speed limit sign (Diag. 670-20; height: 600mm); and install on top of 1No. existing post, type A(N).
3. Supply 1No. new "30mph" speed limit sign (Diag. 670-30; height: 600mm); and install on back of "20mph" sign, type A(N).

See separate drawing ADZ 519 for this location

Lamp column no. 2
1. Take down 2No. speed limit signs (20mph & 30mph), and dispose both to tip (height: 600mm).
2. Supply 1No. new "20mph" speed limit sign (Diag. 670-20; height: 600mm); and install on top of 1No. existing post, type A(N).
3. Supply 1No. new "30mph" speed limit sign (Diag. 670-30; height: 600mm); and install on back of "20mph" sign, type A(N).

See separate drawing ADZ 207 for this location

Lamp column no. 1
1. Take down 2No. speed limit signs (20mph & 30mph), and dispose both to tip (height: 600mm).
2. Supply 1No. new "20mph" speed limit sign (Diag. 670-20; height: 600mm); and install on top of 1No. existing post, type A(N).
3. Supply 1No. new "30mph" speed limit sign (Diag. 670-30; height: 600mm); and install on back of "20mph" sign, type A(N).

See separate drawing ADZ 519 for this location

Lamp column no. 0
1. Take down 2No. speed limit signs (20mph & 30mph), and dispose both to tip (height: 600mm).
2. Supply 1No. new "20mph" speed limit sign (Diag. 670-20; height: 600mm); and install on top of 1No. existing post, type A(N).
3. Supply 1No. new "30mph" speed limit sign (Diag. 670-30; height: 600mm); and install on back of "20mph" sign, type A(N).

See separate drawing ADZ 207 for this location

Lamp column no. -1
1. Take down 2No. speed limit signs (20mph & 30mph), and dispose both to tip (height: 600mm).
2. Supply 1No. new "20mph" speed limit sign (Diag. 670-20; height: 600mm); and install on top of 1No. existing post, type A(N).
3. Supply 1No. new "30mph" speed limit sign (Diag. 670-30; height: 600mm); and install on back of "20mph" sign, type A(N).

See separate drawing ADZ 519 for this location

Lamp column no. -2
1. Take down 2No. speed limit signs (20mph & 30mph), and dispose both to tip (height: 600mm).
2. Supply 1No. new "20mph" speed limit sign (Diag. 670-20; height: 600mm); and install on top of 1No. existing post, type A(N).
3. Supply 1No. new "30mph" speed limit sign (Diag. 670-30; height: 600mm); and install on back of "20mph" sign, type A(N).

See separate drawing ADZ 207 for this location

Lamp column no. -3
1. Take down 2No. speed limit signs (20mph & 30mph), and dispose both to tip (height: 600mm).
2. Supply 1No. new "20mph" speed limit sign (Diag. 670-20; height: 600mm); and install on top of 1No. existing post, type A(N).
3. Supply 1No. new "30mph" speed limit sign (Diag. 670-30; height: 600mm); and install on back of "20mph" sign, type A(N).

See separate drawing ADZ 519 for this location

Lamp column no. -4
1. Take down 2No. speed limit signs (20mph & 30mph), and dispose both to tip (height: 600mm).
2. Supply 1No. new "20mph" speed limit sign (Diag. 670-20; height: 600mm); and install on top of 1No. existing post, type A(N).
3. Supply 1No. new "30mph" speed limit sign (Diag. 670-30; height: 600mm); and install on back of "20mph" sign, type A(N).

See separate drawing ADZ 207 for this location

Lamp column no. -5
1. Take down 2No. speed limit signs (20mph & 30mph), and dispose both to tip (height: 600mm).
2. Supply 1No. new "20mph" speed limit sign (Diag. 670-20; height: 600mm); and install on top of 1No. existing post, type A(N).
3. Supply 1No. new "30mph" speed limit sign (Diag. 670-30; height: 600mm); and install on back of "20mph" sign, type A(N).

See separate drawing ADZ 519 for this location
Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting Specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Clean Air Zone (CAZ) Advance CAZ D Traffic Signs
Location ADZ 514
Cambridge Street

Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects

Scheme Ref. ACZ514-01

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Material Class FA2 (13299-1:2007)
Area 1.13m²

Post & Foundation Details
Supply: 1No. 80x80mm square post
Overall length: 4650mm
Individual post foundation size:
Width: 600mm
Length: 600mm
Depth: 1100mm

INSTALLATION
1. Install new post in back of footway, adjacent to building's gutter downpipe. Post & new sign to be angled at around 45° to carriageway in order for the sign to face traffic on both Cambridge Street & Oxford Street. Ensure the post & sign will not obstruct nearby windows.
2. Supply 1No. sign (ref. ACZ514-01); and install on 1No. square post (cantilevered over footway toward carriageway); type E(N).
3. Mounting height to be 2.3m
Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified otherwise on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Post & Foundation Details
Supply: 1No. 80x80mm square post
Overall length: 4850mm

Individual post foundation size:
Width: 500mm
Length: 500mm
Depth: 1100mm

Installation
1. Install 1No. post in back of tarmac footway, angled approximately 20° to carriageway so that the new CAZ sign will face northbound traffic in St Johns Lane.
2. Supply 1No. sign (ref. ADZ515-01); and install cantilevered on 1No. post toward main road; type E(N).
3. Mounting height to be 2.5m.
**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC’s Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-3.

---

**Schéma des Forfaits**

1. Install new posts in suitable flat spot within grass verge as shown.
2. Supply 2No. signs (refs. ADZ519-01 & ADZ519-02); and install centrally on 2No. square posts in the order shown; type J(N). Signs to have a minimum 500mm clearance to carriageway.
3. Mounting height to the lowest sign to be 2.3m

**Material Scheme Ref.**

- **Background**
  - **Width**
  - **Height**
  - **Area**
- **Letter Colour**
  - **Width**
  - **Height**
  - **Area**

**Clean air zone on A37 City centre**

**Charges apply Pay online**

---

**Traffic enforcement cameras**

---

**Location ADZ 519**

**St Johns Lane (eastbound)**

**Local and Sustainable Transport Management of Place - Growth & Regeneration Major Projects**

**Drawn by**

JEM

December 2020

**Checked by**

SDK

December 2020

**Issued by**

JEM

**Scale**

1:250 @ A3

**Project Number**

E19015 - C-ADZ519 -
Refer to separate drawing ADZ 521 for this location

Note: Pull-in area for maintenance vehicles (overgrown by grass)

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Symbol diameter 24.75mm
Distance plate scaled to 80% of main x-hall

City centre
A4032
St Pauls
B4051

Streets

SPEED LIMIT = 30

STREET VIEW -

Universal House

Scheme Ref. Sign Ref. LTR-AZE520-01 x-height 100.0
Letter colour WHITE SIGN FACE
Background DARK GREEN Width 2730mm
Border WHITE Height 1796mm
Material Class RA1 (J2RP-1-2007) Area 4.88m²

INSTALLATION
1. Install new posts in grass verge, first post being at approximately 3.5m away from carriageway.
2. Supply 1No. sign (ref. AZE520-01); and install centrally mounted on 2No. posts; type K(N). Sign to be installed at approximate 140° angle to carriageway, and must face westbound traffic (as shown by red lines).
3. Mounting height to be 2.3m

Post & Foundation Details
Supply : 2No. 114mmØ round posts
Overall length each : 5200mm
Post spacing : 1300mm
Individual post foundation size :
Width : 600mm
Length : 600mm
Depth : 1100mm (no earth cover)
**Post & Foundation Details**

Supply: 2No. 89mmØ round posts

Overall length each: 3700mm

Post spacing: 1100mm

Individual post foundation size:

Width: 500mm

Length: 500mm

Depth: 1000mm (no earth cover)

---

**Installation Notes:**

1. Install new posts in grass verge, first post being at approximately 2.1m away from carriageway, as shown.
2. Supply 1No. sign (ref. ADZ521-01); and install centrally mounted on 2No. posts; type J(N). Sign to be facing traffic heading toward the slip road joining Newfoundland Way (as shown by red arrows).
3. Mounting height to be 1.5m.

---

**Lamp column no. 23**

1. Raise 1No. existing rectangular diversion sign with yellow background located on lamp column, in order so that it is visible above new sign ref. ADZ521-01 to traffic on roundabout (sign is approximately 0.15m²).

---

**Lamp column no. 57**

Take down, and dispose to tip:

a. 1No. "Slippery Road" triangular sign
b. 1No. "NEW ROAD LAYOUT" rectangular sign (approx. 1.0m²)

**Notes:** Other signs to remain on lamp column.

---

**Construction Notes:**

1. Mounting height for signs to be nominal 2.5m above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Details 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

---

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.
**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

---

**Post & Foundation Details**

- **Supply**: 1No. 80x60mm square post
- **Overall length**: 5000mm
- **Combined foundation size**: Width: 600mm, Length: 600mm, Depth: 1200mm

**Wide based post (1)**

**SITE CLEARANCE**
1. Set aside for re-use 1No. rectangular "Restricted zone" parking sign (approx: 0.5m²).
2. Dispose of tip 1No. wide based post (disconnection works carried out in advance by others).

**INSTALLATION**
1. Install 1No. new post in the same spot as removed wide based post.
2. Supply 1No. sign (ref. ADZ522-01), and install on 1No. post; type E(N). Mounting height to be 2.5m. Sign to be cantilevered over grass verge, away from carriageway.
3. Re-erect 1No. "Restricted zone" parking sign on the back of CAZ sign and on top of post. Sign to be cantilevered over grass verge away from carriageway; type E(N).

---

**Wide based post (2)**

1. Wide based post and sign to be retained in place.

---

**Clean Air Zone (CAZ)**

**Advance CAZ D Traffic Signs**

**Location ADZ 522**

**River Street**

- **Local and Sustainable Transport Management of Place - Growth & Regeneration**
- **Major Projects**

---

**Street View - 20**

Refer to separate drawing ADZ 904 for additional street lighting works to be carried out by others.
SITE CLEARANCE
1. Remove to tip 2No. rectangular direction signs (located near lamp column no. 9). Approximate sign sizes: H 1.4m x W 1.0m (1.4m²); and H 0.4m x W 0.85m (0.34m²).
2. Remove from tarmac footway 2No. 89mmØ round posts to tip.

INSTALLATION
1. Install 1No. post in tarmac footway, and 1No. post in grass verge, in the same location in front of lamp column no. 9.
2. Supply 1No. new sign (ref. ADZ524-01); and install on 2No. posts; type K(N). Sign is to face traffic heading for A370 Bristol. Mount the sign on top of the posts to achieve a mounting height of approximately 2.6m.
3. Supply 1No. new sign (ref. ADZ524-02); and install on top of 2No. posts, type K(N), and on back of sign ref. ADZ524-01. The sign is to face traffic heading to Clevedon. Mounting height will be approximately 2.5m.
4. Top edge of both signs shall be level with each other.

SPEED LIMIT = 40

STREET VIEW -

Location ADZ 524
Ashton Road (B3128)
NORTH SOMERSET

Clean air zone on A370
Charges apply
Pay online

Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs

CITY DESIGN
ENGINEERING
DESIGN
PO Box 3399, Bristol City Council, Bristol BS1 9NE

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Project Description
Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs

Date Drawn
1 September 2020

Checked by
JEM

Scale 1:500 @ A3

Revision
E19015 -C-ADZ524- -
Clean air zone on A370
Charges apply Pay online

Clean air zone on A370
Charges apply Pay online

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1. Install 2No. posts in suitable spot in verge.
2. Supply 2No. new signs (refs. ADZ525-01 & ADZ525-02) and install back-to-back on 2No. posts as shown on the drawing; type J(N).
3. Mount both signs on top of the posts to achieve a mounting height of approximately 2.3m.

**Post & Foundation Details**

Supply: 2No. 80x80mm square posts
Overall length each: 4680mm
Post spacing: 570mm
Combined post foundation size:
Width: 1100mm
Length: 1250mm
Depth: 900mm (no earth cover)

**Installation**

1. Install 2No. posts in suitable spot in verge.
2. Supply 2No. new signs (refs. ADZ525-01 & ADZ525-02); and install back-to-back on 2No. posts as shown on the drawing; type J(N).
3. Mount both signs on top of the posts to achieve a mounting height of approximately 2.3m.

**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.
3. Material Class RA2 (12899-1:2007)

**Location ADZ 525**

Ashton Road (B3128)
NORTH SOMERSET

**Local and Sustainable Transport Management of Place - Growth & Regeneration Major Projects**

**Clean Air Zone (CAZ)**

Advance CAZ D Traffic Signs

**Project Number**

E19015 - C-ADZ525-
Post & Foundation Details

Supply: 2No. 80x80mm square posts

Overall length each: 4600mm

Post spacing: 900mm

Foundation size for each post:
Width: 500mm
Length: 500mm
Depth: 1000mm

INSTALLATION

1. Install 2No. posts in central island, in a suitable spot behind illuminated bollard.
2. Supply 1No. new sign (ref. ADZ529-01), and install on 2No. square posts; type J(N). Sign to be facing northbound traffic on Wells Road; and have a minimum 500mm clearance to carriageway.
3. Mounting height to be 2.1m

Illuminated bollard

Construction Notes

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail SD 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.
**Construction Notes**

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, or property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail SD 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

---

**Post & Foundation Details**

Supply: 1No. 120x80mm rectangular post

Overall length: 5100mm

Individual post foundation size:

- Width: 600mm
- Length: 600mm
- Depth: 1300mm

**INSTALLATION**

1. Install 1No. post in back of tarmac footway, in line with telegraph pole located in private garden.
2. Supply 1No. sign (ref. ADZ30-01); and install on 1No. post; type E(N).
   - Sign to be cantilevered over footway toward carriageway.
3. Mounting height to be 2.3m

---

**Material Scheme**

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**Location ADZ 530**

Filton Road (A38)

---

**Clean Air Zone (CAZ)**

Advance CAZ D Traffic Signs

---

**Local and Sustainable Transport**

Management of Place - Growth & Regeneration

**Major Projects**

---

**City Design Engineering Design**

CITY DESIGN

PO Box 3399, Bristol City Council, Bristol BS1 9NE

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**Letter colour**

| WHITE |

---

**Background**

| BLUE |

---

**Border**

| WHITE |

---

**Material**

| Class 942 (13999-1.2007) |

---

**Area**

1.81m²

---

**Scale**

1:500 @ A3

---

**Site Date**

December 2020

---

**Issued by**

JEM

---

**Project**

Clean Air Zone (CAZ)

---

**Drawing Reference**

E19015 - C-ADZ30- -
Installation

1. Install new posts in tarmac footway, in line with and approximately 2 metres away from lamp column no. 83.
2. Supply 1No. sign (ref. ADZ531-01); and install centrally mounted on 2No. square posts; type J(N). Mounting height to this sign to be 2.5m.
3. Re-erect 1No. "20mph" speed limit sign beneath on 1No. post (closest to carriageway); type D(N).
4. Minimum clearance to carriageway to be 500mm.

Post & Foundation Details

Supply: 2No. 80x80mm square posts
Overall length each: 5100mm
Post spacing: 500mm

Combined post foundation size:
Width: 900mm
Length: 600mm
Depth: 1100mm

Sheets

1. Take up from lamp column, and set aside for re-use 1No. rectangular "20mph" speed limit sign (facing east). Approximately: 0.15m²
2. Note: Other "20mph" sign to remain.

Lamp column no. 83

Construction Notes

1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail SD 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification

1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

CITY DESIGN
ENGINEERING
DESIGN

PO Box 3399, Bristol City Council, Bristol BS1 9NE

Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs

Location ADZ 531
Fishpond Road (A432)

Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects

Drawn by
JEM
December 2020

Checked by
SDK
December 2020

Issued by
JEM

Page 89
### Post & Foundation Details

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### Material

- Class RA2 (12899-1:2007)
- BLACK
- WHITE

### Border & Background

- Ref. ACZ533-02
- WHITE
- BLUE

### Scheme Reference

- ACZ533-02
- ACZ533-01

### INSTALLATION

1. Install 1No. post in back of footway, in line with lamp column no. 2. New post and signs must not obstruct nearby building windows.
2. Supply 2No. signs (ref. ADZ533-01 & ADZ533-02); and install on square post in the order shown; type E(N). Both signs to be cantilevered over footway toward carriageway. Mounting height to the lower sign to be 2.3m.
3. Re-erect 1No. "20mph" speed limit roundel underneath; type A(N).

### Speed limit repeater sign

1. Set aside for re-use 2No. "20mph" speed limit roundels (height: 300mm).
2. Remove to tip 1No. 80x80mm round post.

### Lamp column no. 2

1. Re-erect 1No. "20mph" speed limit roundel on lamp column, above existing parking sign; type A(N). Sign to be facing traffic heading east, away from Stokes Croft.
INSTALLATION
1. Install new posts within verge, adjacent to back of footway; at point where left-turn lane is at full width.
2. Supply 2No. signs (refs. ADZ540-01 & ADZ540-02), and install on 2No. posts in the order and arrangement shown; type K(N) and J(N) respectively.
3. Signs are allowed to overhang footway. New posts must not be installed in tarmac footway.
4. Mounting height to the lower sign to be 2.3m

Existing “Level crossing” sign
1. Remove from post 1No. distance plate (approx. 0.09m²); and dispose to tip.
2. Supply 1No. sign (ref. ADZ540-03); and install in the same position as removed plate; type D(N).

POST & Foundation Details
Supply: 2No. 89mmØ round posts
Overall length each: 5500mm
Post spacing: 930mm
Individual post foundation size:
Width: 600mm
Length: 600mm
Depth: 1300mm
(no earth cover to be installed)
1. Install 2No. posts in grass verge, in front of private lighting column and electrical feeder pillar.
2. Supply 2No. signs (refs. ADZ541-01 & ADZ541-02); and install centrally mounted on 2No. posts in the order shown, type J(N).
3. Mounting height to the lower sign to be 1.2m
4. Signs to be facing customers leaving the car park (as shown by red arrows).
5. Minimum clearance to carriageway to be 500mm.

**Post & Foundation Details**
- **Supply:** 2No. 80x80mm square posts
- **Overall length each:** 3750mm
- **Post spacing:** 700mm
- **Combined post foundation size:**
  - **Width:** 1200mm
  - **Length:** 600mm
  - **Width:** 1000mm

**Refer to separate drawing DZ062 for this location**

**Location ADZ 541**
- Asda exit from car park

**Advance CAZ D Traffic Signs**
- Private lighting column with ANPR camera, and feeder pillar
- **Refer to separate drawing DZ016 for this location**

**Construction Notes**
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type B72.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail 07-013-C, 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

**Posts Specification**
- All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
- Post foundations to be installed as Standard Detail SD 07-012-C.

**Scheme Ref.**
- **ADZ541-01**
  - **v-height:** 80.0
  - **Material:** Class RA2 (12899-1:2007)
  - **Area:** 1.62m²

**Sign Ref.**
- **ADZ541-02**
  - **v-height:** 55.0
  - **Material:** Class RA2 (12899-1:2007)
  - **Area:** 0.61m²

**Scheme Details**
- **Street View**
- **Location:** Asda exit from car park

**Notes**
- **PRIVATE LAND**
  - No work to be carried out without confirmation from Engineer that wayleave/consent has been granted to BCC to install new signs.
Lamp column no. 4
- Remove 1No. yellow background diversion sign to tip. (approximate size: 0.2m²)
- All other signs to be retained.

Lamp column (S1)
- Remove 1No. yellow background diversion sign to tip.
- All other signs to be retained.

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Clean Air Zone (CAZ)

Additional CAZ Works
Clifton Hill & Constitution Hill

Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects

Drawn by: Engineering Design
Date: 17/01/2020

Checked by: SDK
Date: August 2020

Issued by: CONSTRUCTION

1:500 @ A3

Project Number: E19015

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LOCATION 3

DISPOSAL
1. Confirm electric supply has been removed from bare large base post.
2. Take up from tarmac footway and dispose to tip.

INSTALLATION
1. Supply & install 1No. square post, at back of footway, approx 1m further north-east of old post.
2. Supply & erect 1No. sign (ref. ADZ902-01); type G(N). Sign to be cantilevered over footway toward carriageway.
3. Mounting height to be 2.3m
4. Reinstall all surfaces.

Post & Foundation Details
Supply : 1No. 80x120mm square post
Overall length : 4800mm

Post foundation size :
Width : 550mm
Length : 550mm
Depth : 1100mm
Cover : 150mm

LOCATION 2

Take down from lamp col no.2 and dispose to tip 1No. direction sign "M32, M4, M5" (approx 1000 x 300).

STREET LIGHTING CONTRACTOR
Disconnect electricity supply from bare large base post S2.
Wide based post T13
1. Disconnect 1No. wide based post & lighting unit; and dispose to tip.
2. Dispose to tip 1No. triangular "Give way" sign.

Wide based post T4
1. Disconnect 1No. wide based post & lighting unit; and dispose to tip.
2. Dispose to tip 3Nos. existing signs shown on the supplementary image.

Wide based post T6
1. Disconnect 1No. wide based post & lighting unit; and dispose to tip.
2. Dispose to tip 3Nos. "Humps" warning sign; and 1No. rectangular "Humps for 210 yds" sign.
3. Note: New unlit CAZ sign is to be installed nearby by others.

2Nos. Wide based posts with "Restricted Zone" signs
1. Disconnect electric supplies from both wide based posts (post IDs unknown).
2. Remove lighting units from both wide based posts.
3. Note: posts & signs to be altered by others.

Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type B72.
5. All dimensions shown on drawing are in metres (m).
6. All works to be carried out as BCC Standard Detail SD 07-012-C, SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Clean Air Zone (CAZ) Advance CAZ D Traffic Signs
Additional CAZ Works (Street Lighting Works)
Wade Street & Wellington Road

Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects

Drawn by JEM
November 2020

Issued by JEM
November 2020

CITY DESIGN
ENGINEERING
DESIGN

PO Box 3399, Bristol City Council, Bristol BS1 9NE

Bristol City Council

Scale 1:500 @ A3
Construction Notes
1. Mounting height for signs to be nominal 2.5 metres above ground level.
2. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
3. All signs (or part of signs) must not encroach onto any private land, area, and property.
4. Concrete used for post foundations to be approved type ST2.
5. All dimensions shown on drawing are in metres (m).
6. All works are to be carried out as BCC Standard Detail SD 07-013-C, and SD 07-014-C.
7. The stated foundation depth includes the reinstatement of surfaces.
8. All notes are subject to change if specified differently on the drawing.

Posts Specification
1. All new posts (and offset brackets if needed) are to be supplied galvanised and painted BLACK in accordance with BCC's Street Lighting specification.
2. Post foundations to be installed as Standard Detail SD 07-012-C.

Location 1
1. Dispose to tip 1No. restriction plate (approx: 0.10m²); and 1No. 89mmØ round post.

Location 2
1. Dispose to tip 1No. restriction plate (approx: 0.10m²); and 1No. 89mmØ round post.

Location 3
1. Dispose to tip 1No. 89mmØ round post.

Location 4
1. Dispose to tip 1No. restriction plate (approx: 0.10m²); and 1No. 89mmØ round post.

Location 5
1. Dispose to tip 1No. restriction plate (approx: 0.10m²); and 1No. 89mmØ round post.

Location 6
1. Dispose to tip 1No. restriction plate (approx: 0.10m²); and 1No. 89mmØ round post.

Construction Drawing
1:1000 @ A3

PO Box 3399, Bristol City Council, Bristol BS1 9NE

Clean Air Zone (CAZ)
Advance CAZ D Traffic Signs

Wellington Road

Local and Sustainable Transport
Management of Place - Growth & Regeneration

Major Projects

Additional CAZ Works
(Redundant Signs & Posts)

Prepared by

JEM
SDK
November 2020

Issued by

JEM

November 2020

E19015 -C-AD2905-