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
Boundary CAZ D Traffic Signs

Issued by: Corrina Haskins, Democratic Services
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Date: Thursday, 18 February 2021

www.bristol.gov.uk
CAZ D - Location 1
1. Supply 1No. 80x80mm square post; and install in front of tarmac footway; in line with lamp column no. 14.
2. Overall post length: 5100mm
3. Post foundation size: W: 600mm; L: 600mm; Depth: 1100mm
4. Supply 1No. CAZ "D" sign as shown; and install centrally mounted on 1No. post; type E(N).
5. Minimum clearance to carriageway to be 500mm.
6. Mounting height to be 2.5m

CAZ D - Location 2
1. Supply 1No. 80x80mm square post; and install in front of tarmac footway; in line with CAZ D sign on opposite side (Location 1).
2. Overall post length: 4700mm
3. Post foundation size: W: 600mm; L: 600mm; Depth: 1100mm
4. Supply 1No. CAZ "D" sign as shown; and install centrally mounted on 1No. post; type E(N).
5. Minimum clearance to carriageway to be 500mm.
6. Mounting height to be 2.1m

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.

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

Clean Air Zone (CAZ)
CAZ D Boundary Traffic Signs

Locations DZ 1
Newfoundland Way (Outbound)
1. Supply 1No. 80x80mm square post; and install directly behind low height wall, approximately 1.3m away from existing traffic signal pole.
2. Overall post length: 4950mm
3. Post foundation size:
   - W: 500mm; L: 500mm; Depth: 1100mm
4. Supply 1No. CAZ "D" sign as shown; and install centrally mounted on 1No. square post; type E(N).
5. Minimum clearance to carriageway to be 600mm.
6. New sign must not obstruct traffic signal head located adjacent to lamp column no. 6
7. Mounting height to be 2.5m

Refer to DZ 001 for this CAZ D boundary location

Refer to DZ 074 for this CAZ D boundary 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.

Scale: 1:200 @ A3

Clean Air Zone (CAZ) CAZ D Boundary Traffic Signs

Location DZ 2
Newfoundland Way (Inbound)

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

JEM August 2020

SDK October 2020

Issued by JEM

Status: CONSTRUCTION

Drawn by JEM

Check by SDK

Project Number: E19015

Issued by Department of Transport
1. Supply 1No. 80x80mm square post, and install in front of footway, in line with boundary of property no. 41 & 47.
2. Overall post length: 5050mm
3. Post foundation size:
   W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 1No. CAZ "D" sign as shown; and install on 1No. square post; type E(N). Sign to be cantilevered toward carriageway and have a minimum 500mm clearance to carriageway.
5. Mounting height to be 2.5m

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1. Supply 1No. 80x80mm square post, and install in suitable spot within central island, between CCTV post & illuminated bollard.
2. Overall post length: 4750mm
3. Post foundation size:
   W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered away from carriageway; and have a minimum 500mm clearance to it.
5. Mounting height to be 2.8m

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1. Supply 1No. 80x80mm square post, and install in front of footway, in line with boundary of property no. 46 & 47.
2. Overall post length: 5050mm
3. Post foundation size:
   W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 1No. CAZ "D" sign as shown; and install on 1No. square post; type E(N). Sign to be cantilevered toward carriageway.
5. Mounting height to be 2.5m

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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 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 07-013-C.
CAZ D - Location 1

1. Supply 1No. 80x80mm square post, and install in a suitable spot in back of footway as shown. Post to be installed angled to carriageway in order to allow new sign to be facing traffic approaching the CAZ from both arms of Broad Plain (as shown by red lines).
2. Overall post length: 4950mm
3. Post foundation size:
   W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 1No. CAZ "D" sign as shown; and install on 1No. square post; type E(N). Sign to be cantilevered toward carriageway.
5. Sign to be facing traffic approaching the CAZ from both arms of Broad Plain.
6. Mounting height to be 2.5m

CAZ D - Location 2 ("Zone Ends" sign)

1. Dispose to tip 1No. "Zone Ends" rectangular sign (approx: 1.0m²) from round post.
2. Dispose to tip 1No. "30mph" speed limit sign only (H: 600mm).
3. Supply 1No. CAZ "D" sign as shown; and install on existing round post, underneath "20mph" speed limit sign; type E(N).
4. Note: existing "Shared footpath" sign to be retained.

CAZ D - Location 3

1. Dispose to tip 1No. "30mph" speed limit sign (H: 600mm).
2. Dispose to tip 1No. "20mph" speed limit sign only (H: 600mm).
3. Supply 1No. CAZ "D" sign as shown; and install on existing round post, under "30mph" sign; type E(N).
4. Note: existing "Shared footpath" sign to be retained.

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

Construction Notes

1. Lamp column no. 1: supply to tip 1No. "30mph" speed limit sign (H: 600mm).
2. Lamp column no. 2: supply to tip 1No. "20mph" speed limit sign (H: 600mm).
3. Supply 1No. "30mph" speed limit sign (dia. 670-30; height: 600mm); and erect on lamp column, above "Pay and Display Zone" sign.
4. Supply 1No. "20mph" speed limit sign (dia. 670-20; height: 600mm); and erect on lamp column, on back of "30mph" sign.

Clean Air Zone (CAZ)

Location DZ 6

Broad Plain

Goldsmiths House

SPEED LIMIT = 20
1. Supply 1No. 80x80mm square post, and install in a suitable spot in back of footway, between two building windows.
2. Overall post length: 5050mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 1No. CAZ "D" sign as shown; and install on 1No. square post; type E(N). Sign to be cantilevered toward carriageway.
5. Mounting height to be 2.5m

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.
**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.
CAZ D - Location 1
1. Supply 1No. 80x80mm square post, and install in a suitable spot in back of footway, in front of brick wall.
2. Overall post length: 5005mm
3. Post foundation size:
   W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 2Nos. CAZ “D” signs as shown; and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered toward carriageway.
5. Mounting height to be 2.5m

CAZ D - Location 2
1. Supply 1No. 80x80mm square post, and install in a suitable spot in back of footway, in front of wired fence.
2. Overall post length: 5005mm
3. Post foundation size:
   W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 2Nos. CAZ “D” signs as shown; and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered toward carriageway.
5. Mounting height to be 2.5m

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.

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

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

St Luke's Road

Clean Air Zone (CAZ) CAZ D Boundary Traffic Signs

Location DZ 11

Client
JEM
August 2020

Drawing
CONSTRUCTION
Date
1:200 @ A3

Issued by
JEM

Drawn by
Points

Sheet
Clean Air Zone (CAZ)

Clean Air Zone (CAZ) Boundary Traffic Signs

Location DZ 11 St Luke's Road

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

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Points

Sheet

Project Number
E19015 - C-DZ011 -
CAZ D - Location 1
(Wide based post with "No Entry" sign)
1. Supply 1No. CAZ "D" sign as shown; and install on top of existing wide based post, on back of "No Entry" sign; type E(N).
2. Sign to be facing traffic on Spring Street traveling in southbound direction.
3. Note: Existing lighting unit to be retained.

CAZ D - Location 2
(Wide based post with "No Entry" sign)
1. Supply 1No. CAZ "D" sign as shown; and install on top of existing wide based post, on back of "No Entry" sign; type E(N).
2. Sign to be facing traffic on Spring Street traveling in southbound direction.
3. Note: Existing lighting unit to be retained.

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.

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)
CAZ D Boundary Traffic Signs

Location DZ 12
Spring Street

Local and Sustainable Transport
Management of Place - Growth & Regeneration
Major Projects
CAZ D - Location 1
1. Supply 1No. 80x80mm square post, and install in a suitable spot in back of footway, in front of fence.
2. Overall post length: 4600mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1000mm.
4. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered toward carriageway.
5. Mounting height to be 2.5m

CAZ D - Location 2
1. Supply 1No. 80x80mm square post, and install in a suitable spot in back of footway on slabbed surface, in front of wall. Ensure new signs are not obstructed by overgrown vegetation.
2. Overall post length: 4600mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1000mm.
4. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered toward carriageway.
5. Mounting height to be 2.5m

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 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.
1. Supply 1No. 80x80mm square post, and install in back of footway, approximately 2 metres away from telegraph pole.
2. Overall post length: 5050mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 1No. CAZ "D" sign as shown; and install on 1No. square post, type E(N). Sign to be cantilevered over footway toward carriageway.
5. Mounting height to be 2.5m
1. Dispose to tip 2No. speed limit signs; 20mph & 30mph (height: 600mm).
2. Dispose to tip 1No. round post (89mmØ).
3. Supply 1No. 80x80mm square post, and install in back of footway, in the same spot as removed round post.
4. Overall post length: 5650mm
5. Post foundation size: W: 600mm; L: 600mm; Depth: 1300mm.
6. Supply 2No. CAZ "D" signs as shown; and install back-to-back centrally on 1No. square post; type E(N).
7. Supply 2No. speed limit signs (Diagrams 670-20 & 670-30; height: 600mm); and install back-to-back underneath 2No. CAZ signs as shown.

Mounting height to speed limit signs to be 2.3m
1. Supply 1No. 80x80mm square post, and install in back of footway, in the same spot of removed wide based post.
2. Overall post length: 4600mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1000mm.
4. Supply 1No. CAZ "D" sign as shown; and install on 1No. square post; type E(N). Sign to be cantilevered over footway toward carriageway.
5. Supply 1No. "20mph" speed limit sign (Diagram 670-20; height: 300mm); and install underneath the CAZ sign.
6. Mounting height to CAZ sign to be 2.5m above ground level (unless otherwise specified).
7. All signs (or part of signs) must have a minimum 500mm clearance from the edge of carriageway.
8. All signs (or part of signs) must not encroach onto any private land / area / property.
9. Concrete used for post foundations to be type ST2.
10. All dimensions shown on drawing are in metres (m) unless otherwise specified.
11. All works to be carried out as BCC Standard Detail 07-012-C, SD 07-013-C, and SD 07-014-C.

Street Lighting contractor (wide based post T2)
1. Disconnect 1No. wide based post & lighting unit; and dispose to tip.
2. Dispose to tip 1No. combined rectangular sign (approx. 1.5m²) & "One-way" sign (height: 450mm).
1. Supply 1No. 60x60mm square post, and install in suitable spot in back of footway, in front of wall.
2. Overall post length: 5150mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1200mm.
4. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. square post; type E(N).
5. Signs to be cantilevered over footway toward carriageway.
6. Supply 2No. "20mph" speed limit signs (Diagram 670-20; height: 300mm); and install underneath 2No. CAZ signs as shown.
7. Mounting height to 2No. CAZ signs to be 2.5m.
CAZ D - Location 2

1. Supply 1No. 80x80mm square post, and install in back of footway, in line with building line and clear of existing wall-mounted satellite dish. Post foundation size: W: 500mm; L: 500mm; Depth: 1000mm.
2. Overall post length: 4500mm.
4. Supply 2Nos. CAZ "D" signs as shown; and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered over footway toward carriageway.
5. Mounting height to be 2.5m.

Note 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.

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

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CAZ D - Location 1

1. Supply 1No. 80x80mm square post, and install in back of footway, next to a driveway wall pillar. New post to be angled at around 45° to carriageway to allow new sign to face traffic on Osborne Road traveling toward Coronation Road.
2. Note: new post & sign must not obstruct nearby fence-mounted parking sign.
3. Overall post length: 4700mm.
4. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
5. Supply 1No. CAZ "D" sign as shown; and install on 1No. square post; type E(N). Sign to be cantilevered over footway toward carriageway at an angle (see Note 1, above).
6. Mounting height to CAZ sign to be 2.5m.
7. Supply 1No. "20mph" speed limit sign (Diagram 670-20; height: 300mm); and install underneath the CAZ sign.
Street Lighting contractor
(wide based post T2)
1. Disconnect 1No. wide based post & lighting unit; and dispose to tip.
2. Dispose to tip 1No. "One-way" sign (height: 450mm) & 1No. "20mph" speed limit sign (height: 600mm).
1. Supply 1No. 80x80mm square post, and install in back of footway, by corner of the building as shown. New post & signs must not obstruct a window nearby.
2. Overall post length: 5050mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered over footway toward carriageway.
5. Mounting height to be 2.5m

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.

Clean Air Zone (CAZ)
CAZ D Boundary Traffic Signs

Location DZ 26
Beauley Road
Clean Air Zone (CAZ)  
CAZ D Boundary Traffic Signs  
Location DZ 28  
Greenway Bush Lane  

1. Supply 1 No. 80x80mm square post, and install in suitable spot in back of footway and in front of wall.
2. Overall post length: 4600mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1000mm.
4. Supply 1 No. CAZ "D" sign as shown, and install on 1 No. square post; type E(N). Sign to be cantilevered over footway toward carriageway.
5. Mounting height to be 2.5m

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 1No. wide based post & lighting unit; and dispose to tip.
2. Supply 1No. new weight limit sign (Diagram 622.1A; height: 600mm); and install on wide based post, underneath existing "One way" sign.

CAZ D - Location 1
1. Supply 1No. 800x800mm square post, and install in back of adopted tarmac footway, in place of removed wide based post T1.
2. Overall post length: 4950mm
3. Post foundation size:
   W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 1No. CAZ "D" sign as shown; and install centrally on 1No. square post; type E(N).
5. Mounting height to be 2.5m

Street Lighting contractor (wide based post T1)
1. Disconnect 1No. wide based post & lighting unit; and dispose to tip.
2. Dispose to tip 1No. "One-way" sign (height: 450mm) & 1No. weight limit sign (height: 600mm).
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1. Remove 2No. "30mph" speed limit signs (height: 600mm) from both wide based posts, and dispose to tip off-site.

2. Supply 2No. new "30mph" speed limit signs (Diagram 670-30; height: 600mm), and install on both wide based posts, on back of 2No. existing "No entry" signs.

Change to MH of 2.5m to CAZ sign. Hence, Post length = 5050mm
Mount 2-mph sign beneath CAZ sign
CAZ D - Location 1 (wide based post T1)
1. Supply 1No. CAZ "D" sign as shown; and install on existing wide based post, on back of "No entry" round sign.
2. Note: All existing signs to remain in place.

CAZ D - Location 2
1. Supply 1No. 80x80mm square post, and install in tarmac footway, approximately half way between the edge of tactile paving and flush footway channel line.
2. New post to be angled in order to allow new sign to be installed parallel to give-way road marking.
3. Overall post length: 4950mm
4. Post foundation size:
   W: 500mm; L: 500mm; Depth: 1100mm.
5. Supply 1No. CAZ "D" sign as shown; and install centrally on 1No. square post; type E(N); as per Note 1. above.
6. Mounting height to be 2.5m

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. Supply 2No. 80x80mm square posts, and install in front of guard rail, in the same position as removed round posts.

2. Overall length for Post 1: 2900mm

3. Overall length for Post 2: 4300mm

4. Foundation size for each post:
   - W: 500mm; L: 500mm; Depth: 1000mm
   - Post spacing: 800mm

5. Supply 1No. CAZ “D” sign; and install centrally mounted on 1No. post (Post 2); type E(N).

6. Re-erect 1No. “Tobacco Factory” sign underneath the CAZ sign on 2No. posts; type J(N). This sign is to have a mounting height of 1.5m

7. Both signs to have a minimum 600mm clearance to carriageway.

Existing "Tobacco Factory" sign

1. Set aside for re-use 1No. "Tobacco Factory" sign (approximate: H: 0.4m, W: 1.6m; 0.64m²).
2. Dispose to tip 2No. 89mmØ 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 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.
1. Supply 1No. 80x80mm square post, and install in suitable spot in grass verge within island, approximately 3 metres away from tactile paving. New post & sign to be angled at around 30° to carriageway to allow new sign to be visible to traffic exiting Ashton Vale Road.
2. Overall post length: 4950mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm
4. Supply 1No. CAZ "D" sign as shown; and install centrally mounted on 1No. square post; type E(IN); as per Note 1. above. Sign to have a minimum 500mm clearance to carriageway.
5. Mounting height to be 2.5m

CAZ D - Location 2
1. Supply 1No. 80x80mm square post, and install in suitable spot in back of footway, in line with new CAZ D sign on opposite side (Location 1).
2. Overall post length: 4950mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm
4. Supply 1No. CAZ "D" sign as shown; and install on 1No. square post; type E(IN). Sign to be cantilevered over footway toward carriageway.
5. Mounting height to be 2.5m

Location DZ 35
Ashton Gate Underpass

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)
CAZ D Boundary Traffic Signs

CONSTRUCTION
Date
1:200 @ A3
Drawing
Project Number
JEM
Issue
BCC's Street Lighting specification

- 1No. - 80x80mm square post
- 1No. square post; type E(IN)
- 1No. CAZ "D" sign

Existing railway level crossing in carriageway

Pedestrian crossing with tactile paving
1. **Set aside 1No. footway bollard, and take to BCC off-site store. Note: exiting rock nearby to remain in place.**
2. **Supply 1No. 80x80mm square post, and install in suitable spot within tarmacked footway, next to tactile paving as shown.**
3. **Overall post length: 4600mm**
4. **Post foundation size:**
   - W: 500mm; L: 500mm; Depth: 1000mm.
5. **Supply 1No. CAZ “D” sign as shown; and install back-to-back on 1No. square post; type E(N).**
   - Sign to have a minimum 500mm clearance to carriageway.
6. **Mounting height to be 2.5m**

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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 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.

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**Street Lighting contractor**

(related to post T1)

1. Disconnect 1No. wide based post & lighting unit; and dispose to tip.
2. Dispose to tip 1No. “5T” weight limit sign (height: 600mm).
3. Dispose to tip 1No. “Except for access” sign (approx. 0.2m²).
1. Supply 1No. 80x80mm square post, and install in a suitable spot in back of footway as shown.
2. Overall post length: 5050mm
3. Post foundation size:
   W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. square post; type E(N).
5. Signs to be cantilevered over footway toward the carriageway.
6. Mounting height to be 2.5m

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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 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.

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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.
1. Dispose to tip 2No. speed limit signs - 20 & 30mph (height: 600mm).
2. Dispose to tip 1No. 80x80mm square post.
3. Supply 1No. 80x80mm square post, and install in back of footway in front of wall, in the same spot as removed square post.
4. Overall post length: 5150mm
5. Post foundation size:
   - W: 500mm; L: 500mm; Depth: 1200mm.
6. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered over footway toward the carriageway.
7. Supply 2No. speed limit signs (Diagram 670-20 & 670-30; height: 300mm); and install underneath 2No. CAZ signs as shown.
8. Mounting height to both CAZ signs to be 2.5m.

Road markings contractor
1. Install new speed limit marking centrally on the left hand lane next to existing speed limit sign as shown (TSRGD Diagram 1065; height: 4.3m).
2. Refresh all "give way" road markings at the junction as shown.
CAZ D - Location 1
1. Supply 1No. 80x80mm square post, and install in a suitable spot in back of footway as shown.
2. Overall post length: 5050mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered over footway toward the carriageway.
5. Mounting height to be 2.5m

CAZ D - Location 2
1. Dispose to tip 1No. "Loading only" sign (approximately: 0.10m²).
2. Dispose to tip 1No. 80x80mm square post.
3. Supply 1No. new 80x80mm square post, and install in a suitable spot in footway, next to utility cover as shown.
4. Overall post length: 5250mm
5. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
6. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered over footway toward the carriageway.
7. Mounting height to be 2.5m

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. Supply 1No. 80x80mm square post, and install in a suitable spot next to utility chamber as shown.
2. Overall post length: 4600mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1000mm.
4. Supply 2Nos. CAZ "D" signs as shown; and install back-to-back centrally on 1No. square post: type E(N). Signs to have a minimum 500mm clearance to carriageway.
5. Mounting height to be 2.5m
CAZ D - Location 2
1. Supply 1No. 80x80mm square post, and install in front of footway, in a suitable spot between two utility chambers as shown.
2. Overall post length: 4600mm
3. Post foundation size:
   - W: 500mm; L: 500mm; Depth: 1000mm.
4. Supply 2No. CAZ "D" signs as shown; and install back-to-back centrally on 1No. square post; type E(N). Signs to have a minimum 500mm clearance to carriageway.
5. Mounting height to be 2.5m

CAZ D - Location 1
1. Supply 1No. 80x80mm square post, and install in front of footway, in a suitable spot next to utility chamber as shown.
2. Overall post length: 4600mm
3. Post foundation size:
   - W: 500mm; L: 500mm; Depth: 1000mm.
4. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered over footway away from carriageway, and have a minimum 500mm clearance to it.
5. Mounting height to be 2.5m

**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.

**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.

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

**Location DZ 44**
Park Street

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

Drawn by
JEM
August 2020

Checked by
SDK
August 2020

Issued by
JEM

Scale
1:200 @ A3

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

CITY DESIGN ENGINEERING DESIGN
1. Supply 1No. 80x80mm square post, and install in back of footway in front of wall as shown.
2. Overall post length: 5050mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered over footway toward carriageway.
5. Mounting height to be 2.5m

1. Supply 1No. 80x80mm square post, and install in back of footway, around 2 metres away from edge of the wall.
2. Overall post length: 5050mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered over footway toward carriageway.
5. Mounting height to be 2.5m

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 07-013-C.

SPEED LIMIT = 20

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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 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.

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CAZ D - Location 1

1. Set aside 1No. footway bollard (located outside property no. 15), and take to BCC off-site store.
2. Supply 1No. 80x80mm square post, and install in front of footway, around the spot of removed bollard.
3. Overall post length: 5050mm
4. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
5. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered over footway away from carriageway; and have a minimum 500mm clearance.
6. Mounting height to be 2.5m

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CITY DESIGN
ENGINEERING DESIGN

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

Clean Air Zone (CAZ)
CAZ D Boundary Traffic Signs

Location DZ 47
St Michaels Hill

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ST MICHAEL'S HILL
HORFIELD ROAD

---

ST MICHAEL'S HILL

---

CLEAN AIR ZONE

---

ZONE ENDS

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ST MICHAEL'S HILL
1. Supply 1 No. 80x80mm square post, and install in suitable spot in front of footway.
2. Overall post length: 5050mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 2 Nos. CAZ "D" signs as shown; and install centrally on 1 No. square post; type E(N). Signs to be cantilevered away from carriageway, and have a minimum 500mm clearance to it.
5. Mounting height to be 2.5m

Pay & Display sign (1)
1. Remove to tip 1 No. rectangular sign (approx. 0.5m²).
2. Remove to tip 1 No. 89mmØ round post from tarmac footway.

Pay & Display sign (2)
1. Remove to tip 1 No. rectangular sign (approx. 0.5m²).
2. Remove to tip 1 No. 89mmØ round post from tarmac footway.
CAZ D - Location 1
1. Set aside 1No. footway bollard, and take to BCC off-site store. Cycle stand nearby to remain in place.
2. Supply 1No. 80x80mm square post, and install next to flush tactile paving as shown.
3. Overall post length: 4600mm
4. Post foundation size: W: 500mm; L: 500mm; Depth: 1000mm.
5. Supply 1No. CAZ "D" sign as shown; and install on 1No. square post; type E(N).
6. Mounting height: 2.5m
7. Note: Reinstatement of the paving blocks around the new post to be carried out "like-for-like".

CAZ D - Location 2
1. Supply 1No. 80x80mm square post, and install centrally within island; in line with new post on opposite side (Location 1).
2. Overall post length: 4600mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1000mm.
4. Supply 1No. CAZ "D" sign as shown; and install centrally on 1No. square post; type E(N).
5. Sign to have a minimum 500mm clearance to carriageway.
6. Mounting height to be 2.5m
7. Note: Reinstatement of the paving blocks around the new post to be carried out "like-for-like".
CAZ D - Location 1

1. Supply 1No. 80x80mm square post, and install within new island. New post & signs to be angled to carriageway in order to allow new signs to be facing traffic coming from both Moon Street & Backfields (as shown by red lines).
2. Overall post length: 5100mm
3. Post foundation size:
   W: 500mm; L: 500mm; Depth: 1200mm.
4. Supply 1No. CAZ D sign as shown; and install on 1No. square post; type E(N).
6. Both signs to be cantilevered away from carriageway toward building, and have a minimum 500mm clearance to carriageway.
7. Mounting height to be 2.3m

Cycle route warning sign
1. Dispose to tip 1No. "Cycle route ahead sign (height: 600mm).
2. Dispose to tip 1No. round post (Ø89mm).

Street Lighting contractor
(Lamp column no. 3)
1. Disconnect 1No. lighting unit from lamp column; and dispose to tip.

"One way" sign
1. Dispose to tip 1No. "One way" (approx: 0.2m²).
2. Dispose to tip 1No. rectangular sign with arrows (approx: 0.1m²).
3. Dispose to tip 1No. round post (Ø89mm).

Lamp column no. 4
1. Remove from lamp column, and set aside for re-use 1No. "Cycle contraflow" sign (approx: 0.4m²).

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 B72.
5. All dimensions shown on drawing are in metres (m) unless otherwise specified.
6. All works 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.
**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.

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**Lamp column no. 1**

1. Dispose to tip 1No. faded "20mph" speed limit sign (height: 300mm).
2. Supply 1No. new "20mph" speed limit sign (Dia. no. 670-20; height: 300mm); and install on lamp column, on back of existing "30mph" speed limit sign.
1. Supply 1No. 80x80mm square post, and install in splitter island, in place of removed wide based post.
2. Overall post length: 4950mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 1No. CAZ "D" sign as shown; and install on 1No. square post; type E(N). Sign to be cantilevered away from carriageway over cycleway.
5. Supply 1No. "One Way" sign (Diagram no. 652; height: 450mm); and install centrally underneath CAZ sign.
6. Signs to have a minimum 500mm clearance to carriageway.
7. Mounting height to CAZ sign to be 2.5m

Street Lighting contractor
(wide based post T6)
1. Disconnect 1No. wide based post & lighting unit; and dispose to tip.
2. Dispose to tip 1No. "STOP" sign.

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-C.

Existing cycleway (arrow shows direction of travel)
CAZ D - Location 1 (Lamp column no. 4)

Supply 1No. CAZ "D" sign as shown, and install centrally on lamp column, above "No loading" sign.
2. Sign to be facing traffic entering St Paul Street and going in northbound direction.
3. Mounting height to be 2.5m

Notes:
1. Existing "No loading" sign to be retained in place.
2. Sign dimensions are as follows:
   W: 570mm x H: 1060mm; 0.6m²).

ST PAUL STREET
NEWFOUNDLAND STREET
31 to 49

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.

CITY DESIGN
ENGINEERING
DESIGN

Clean Air Zone (CAZ)
CAZ D Boundary Traffic Signs

Location DZ 56
St Paul Street

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

Drawing

E19015 - C-DZ056-
CAZ D - Location 2
1. Supply 1No. 80x80mm square post, and install in suitable spot in back of footway.
2. Overall post length: 4600mm
3. Post foundation size:
   W: 500mm; L: 500mm; Depth: 1000mm.
4. Supply 1No. CAZ "D" sign as shown; and install centrally on 1No. square post; type E(N). Sign to be angled parallel to wall in back of footway; and is to be facing traffic on Jacob Street going toward Old Market Street.
5. Mounting height to be 2.5m

CAZ D - Location 1
1. Supply 1No. 80x80mm square post, and install in back of footway, approximately 2 metres away from telegraph pole. Post to be installed angled to carriageway (approx. 30°) in order to allow new sign to face traffic coming at the bend (as shown by red lines).
2. Overall post length: 4600mm
3. Post foundation size:
   W: 500mm; L: 500mm; Depth: 1000mm.
4. Supply 1No. CAZ "D" sign as shown; and install centrally on 1No. square post; type E(N).
5. Mounting height to be 2.5m
1. Supply 1No. CAZ "D" sign as shown; and install on wide based post, underneath existing "No Entry" round sign; type E(N). Sign is to face traffic leaving Asda's car park to join Coronation Road.

2. Mounting height will be approximately 1.4m

CAZ D - Location 2
1. Supply 1No. 80x80mm square post, and install in back of footway, in front of fence.
2. Overall post length: 4600mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1000mm (No earth cover is required)
4. Supply 1No. CAZ "D" sign as shown; and install on 1No. square post; type E(N). Sign to be cantilevered over footway toward carriageway. Ensure the post & sign do not obstruct a nearby "No Entry" sign.
5. Mounting height to be 2.5m
1. **Existing 1No. traffic signal pole with pedestrian button to be upgraded into a pole with a new signal head pointing at traffic heading toward Bristol city centre.**

### CAZ D - Location 1
1. Supply 1No. 80x80mm square post, and install in the middle of the central island, 1 metre away from traffic signal head.
2. Overall post length: 4550mm
3. Post foundation size:
   - W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 1No. CAZ "D" sign as shown; and install centrally mounted on 1No. square post; type E(N).
5. Sign will have approximately 600mm clearance to carriageway. Mounting height to be 2.1m

### CAZ D - Location 2
1. Supply 1No. 80x80mm square post, and install in boxway, in front of lamp column no. 94
2. Overall post length: 5050mm
3. Post foundation size:
   - W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 1No. CAZ "D" sign as shown; and install on 1No. square post; type E(N). Sign to be cantilevered over footway away from carriageway.
5. Sign to have a minimum 500mm clearance to carriageway. Mounting height to be 2.5m

### CAZ D - Location 3
1. Supply 1No. 80x80mm square post, and install in island; in line with and next to wide based post T55.
2. Overall post length: 3600mm
3. Post foundation size:
   - W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 2Nos. CAZ "D" signs as shown; and install back-to-back, centrally mounted on 1No. square post; type E(N).
5. "Entry CAZ "D" sign to be facing traffic on A4 Portway heading toward Bristol city centre (as shown by red arrows).
6. Signs to have a minimum 500mm clearance to carriageway. Mounting height will be approximately 1090mm.
7. Note: Top of both signs to be in line with the bottom of "No Right Turn" round sign on wide based post.

### Utility Site Check
1. Measure the "mounting height of the existing "No Right Turn" sign on wide based post T55. (JM assumed it's 2.5m)
Construction Notes:
1. The site is a “Site of Special Scientific Interest” (SSSI) located in a conservation area, and it is overseen by the Downs Committee.
2. The contractor must not park any vehicles, or store any work materials and equipment within the area of SSSI.
3. An agreed Method Statement must be in place before any works can start.

CAZ D - Location 2
1. Supply 1No. 80x80mm square post, and install in back of footway as shown.
2. Overall post length: 4600mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1000mm
4. Supply 1No. CAZ "D" sign as shown; and install on 1No. square post. Sign to be cantilevered over footway toward carriageway.
5. Mounting height to be 2.5m

CAZ D - Location 1
1. Supply 1No. 80x80mm square post, and install in grass verge, approximately 12.6m away from lamp column no. 1.
2. Overall post length: 4600mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1000mm.
4. Supply 1No. CAZ "D" sign as shown; and install centrally mounted on 1No. square post; type E(N).
5. Clearance to carriageway to be approximately 1 metre.
6. Mounting height to be 2.5m

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

Clean Air Zone (CAZ)
CAZ D Boundary Traffic Signs

Location DZ 65
Bridge Valley Road

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

Drawn by: JEM
Issued by: JEM
October 2020

Revision: E19015 -C-DZ065-
1. Supply 1No. 80x80mm square post, and install in front of footway as shown, next to existing footway bollard.
2. Overall post length: 4600mm
3. Post foundation size: Width: 500mm; Length: 500mm; Depth: 1000mm.
4. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. square post type E(N). Signs to be cantilevered away from carriageway over footway, and have a minimum 500mm clearance to carriageway.
5. Mounting height to be 2.5m
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.

**Existing "Pay & Display" sign 1**
1. Remove to fit 1No. "Pay and Display" sign (approximately: 0.5m²).
2. Remove to fit 1No. 89mmØ round post from tarmac island.
3. Ensure signs have a minimum 500mm clearance to carriageway.

**Existing "Pay & Display" sign 2**
1. Remove to fit 1No. "Pay and Display" sign (approximately: 0.5m²).
2. Existing 1No. round post to be retained in place for re-use.
3. Supply 2No. CAZ "D" signs and install back-to-back on top of 1No. round post type E(N). Signs to be cantilevered over footway away from carriageway.
4. Signs to have a minimum 500mm clearance to carriageway.

**Existing "Pay & Display" sign 3**
1. Remove to fit 1No. "Pay and Display" sign (approximately: 0.5m²).
2. Remove to fit 1No. 89mmØ round post from tarmac island.

**Existing "Pay & Display" sign 4**
1. Remove to fit 1No. "Pay and Display" sign (approximately: 0.5m²).
2. Remove to fit 1No. 89mmØ round post from block paved footway.

**Constructive Notes**
- **Marlborough Street**
- **Locally and Sustainable Transport**
- **Management of Place - Growth & Regeneration**
- **Major Projects**
- **Drawn by**
- **Checked by**
- **Issued by**
- **JEM**
- **SDK**
- **E19015 - C-DZ067 -
**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.

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**CAZ D - Location 1**

1. Supply 1No. 80x80 mm square post, and install in suitable spot in back of footway, next to building corner as shown.
2. Overall post length: 4600mm
3. Post foundation size:
   - W: 500mm; L: 500mm; Depth: 1000mm.
4. Supply 2No. CAZ "D" signs as shown; and install on 1No. square post; type E(N). Signs to be cantilevered over footway toward carriageway.
5. Mounting height to be 2.5m

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**CAZ D - Location 2**

1. Supply 1No. 80x80 mm square post, and install in suitable spot in back of footway, at the edge of the gate.
2. Overall post length: 4600mm
3. Post foundation size:
   - W: 500mm; L: 500mm; Depth: 1000mm.
4. Supply 2No. CAZ "D" signs as shown; and install on 1No. square post; type E(N). Signs to be cantilevered over footway toward carriageway.
5. Mounting height to be 2.5m
CAZ D - Location 1

1. Supply 1No. 120x80mm rectangular post, and install in suitable spot within tarmac area in splitter island.
2. Overall post length: 5300mm
3. Post foundation size: W: 600mm; L: 600mm; Depth: 1200mm
4. Supply 1No. CAZ "D" sign; and install centrally mounted on 1No. post; type E(N). Sign to have a minimum 600mm clearance to carriageway.
5. Mounting height to be 2.2m

CAZ D - Location 2

1. Supply 1No. 80x80mm square post, and install in central island, directly opposite to Location 1.
2. Overall post length: 4400mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1000mm
4. Supply 1No. CAZ "D" sign; and install centrally mounted on 1No. square post; type E(N). Sign will have approximately 400mm clearance to carriageway.
5. Mounting height to be 2.3m

SITE CLEARANCE
- Existing overgrown vegetation (approximately 2m x 2m), located in splitter island, to be cleared before installation of new CAZ D sign.
1. INSTALLATION OF SIGNS:

1. No. "Avonmouth & City Centre" sign (approx: 1.5m²)
2. No. "No loading" sign from post P1 (approx: 0.1m²)
3. No. "Avonmouth & City Centre" sign (approx: 1.5m²)

1. No. 89mmØ round posts (P1 & P4)

1. No. square post; type E(N).

1. No. square post; type E(N).

1. No. 89mmØ round posts (P1 & P4)

1. No. "Bristol Airport & Park & Ride" sign (approx: 2.5m²)

2. Overall post length: 4600mm
3. Post foundation size:
   W: 500mm; L: 500mm; Depth: 1000mm
   (No earth cover is required)
4. Supply 1No. CAZ "D" sign; and install centrally mounted on 1No. square post; type E(N).
5. Mounting height to be 2.5m

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 S72.
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 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.
1. Supply 1No. CAZ "D" sign as shown; and install on 1No. existing round post (nearside to carriageway); type E(N). Bottom of the CAZ sign is to align with the bottom of directional sign.

2. Note: all existing signs to be retained in place.

**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.
CAZ D - Location 1
1. Supply 1No. 80x80mm square post; and install behind low height wall; next to lamp column no. 104 as shown.
2. Overall post length: 4950mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 1No. CAZ "D" sign as shown; and install centrally mounted on 1No. square post; type E(N).
5. Bottom of CAZ sign shall be mounted in line with bottom of traffic signal head; and face north-bound traffic on Houlton Street (as shown by red lines).
6. Minimum clearance to carriageway to be 500mm.
7. Mounting height shall be approximately 2.5m
8. New sign & post must not obstruct traffic signal head located next to lamp column no. 104

CAZ D - Location 2
1. Supply 1No. 80x80mm square post; and install behind low height wall; next to lamp column no. 104 as shown.
2. Overall post length: 4950mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 1No. CAZ "D" sign as shown; and install centrally mounted on 1No. square post; type E(N).
5. Bottom of CAZ sign shall be mounted in line with bottom of traffic signal head; and face north-bound traffic on Houlton Street (as shown by red lines).
6. Minimum clearance to carriageway to be 500mm.
7. Mounting height shall be approximately 2.5m
8. New sign & post must not obstruct traffic signal head located next to lamp column no. 104

Both existing traffic signal heads must not be obstructed by 2No. new CAZ signs and posts (Locations 1 & 2).

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 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.
1. Supply 1No. 80x80mm square post, and install in front of footway, approximately half way between lamp column no. 3 and street tree.
2. Overall post length: 5050mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 2No. CAZ "D" signs as shown, and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered over footway toward carriageway.
5. Mounting height to be 2.5m

1. Supply 1No. 80x80mm square post, and install in back of footway, approximately half way between lamp column no. 3 and street tree.
2. Overall post length: 5050mm
3. Post foundation size: W: 500mm; L: 500mm; Depth: 1100mm.
4. Supply 2No. CAZ "D" signs as shown, and install back-to-back on 1No. square post; type E(N). Signs to be cantilevered over footway toward carriageway.
5. Mounting height to be 2.5m

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.

Bedminster Parade

CAZ D Boundary Traffic Signs
Location DZ 75

Drawn by: JEM
Check by: SDK
Issued by: JEM

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

1. Supply 1 No. 80x80mm square post, and install within grass verge (central island); approximately half way between existing direction sign and “Road Narrows” sign.

2. Overall post length: 4900mm

3. Post foundation size: 
   W: 600mm; L: 600mm; Depth: 1100mm 
   (No earth cover to be installed)

4. Supply 1 No. CAZ “D” sign as shown; and install centrally mounted on 1 No. post; type E(N).

5. 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, 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.
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.

NOTE:
1. Lamp column no. 2
2. All other signs to be retained.

CAZ D - Location 1

- Supply 2No. 80x120mm rectangular post, and install in back of tarmac footway (within grass verge); and in line with CAZ D sign on opposite side (Location 1).
- Overall post length: 5250mm
- Post foundation size:
  - W: 600mm; L: 600mm; Depth: 1300mm
- Supply 2No. CAZ “D” signs as shown; and install back-to-back on 1No. post; type E(N).
- Mounting height to be 2.5m

NOTE:
- Grass verges at both Location 1 and Location 2 are adopted by BCC.

Wide based post (T2)

- Take down from lamp column and dispose to tip 2No. “Library” rectangular signs (approx: 0.3m²).
- 2. All other signs to be retained.
NOTE:
- Underground water main(s) is located in central island, approximately in the middle.

CAZ D - Location 1
1. Supply 1No. 80x80mm square post, and install in middle of central island, in line with CAZ D sign on the opposite side (Location 2).
2. Overall post length: 5200mm
3. Post foundation size:
   W: 600mm; L: 600mm; Depth: 1300mm
4. Supply 1No. CAZ "D" sign as shown; and install centrally mounted on 1No. post; type E(N).
5. Ensure minimum clearance to carriageway is 500mm.
6. Mounting height to be 2.5m

CAZ D - Location 2
1. Supply 1No. 80x80mm square post, and install in front of footway - use the same position as removed posts.
2. Overall post length: 5200mm
3. Post foundation size:
   W: 600mm; L: 600mm; Depth: 1300mm
4. Supply 2No. CAZ "D" signs as shown; and install back-to-back on 1No. post; type E(N).
5. Ensure minimum clearance to carriageway is 500mm.
6. 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, 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 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.

Direcional Sign (1)
Take down and dispose to tip:
1. 1No. "Yeovil & Wells" rectangular sign (approx. 0.8m²).
2. 1No. 89mmØ round post.
3. 1No. 80x120mm rectangular post.