

Pedestrian Guardrail Detail
Scale 1:20



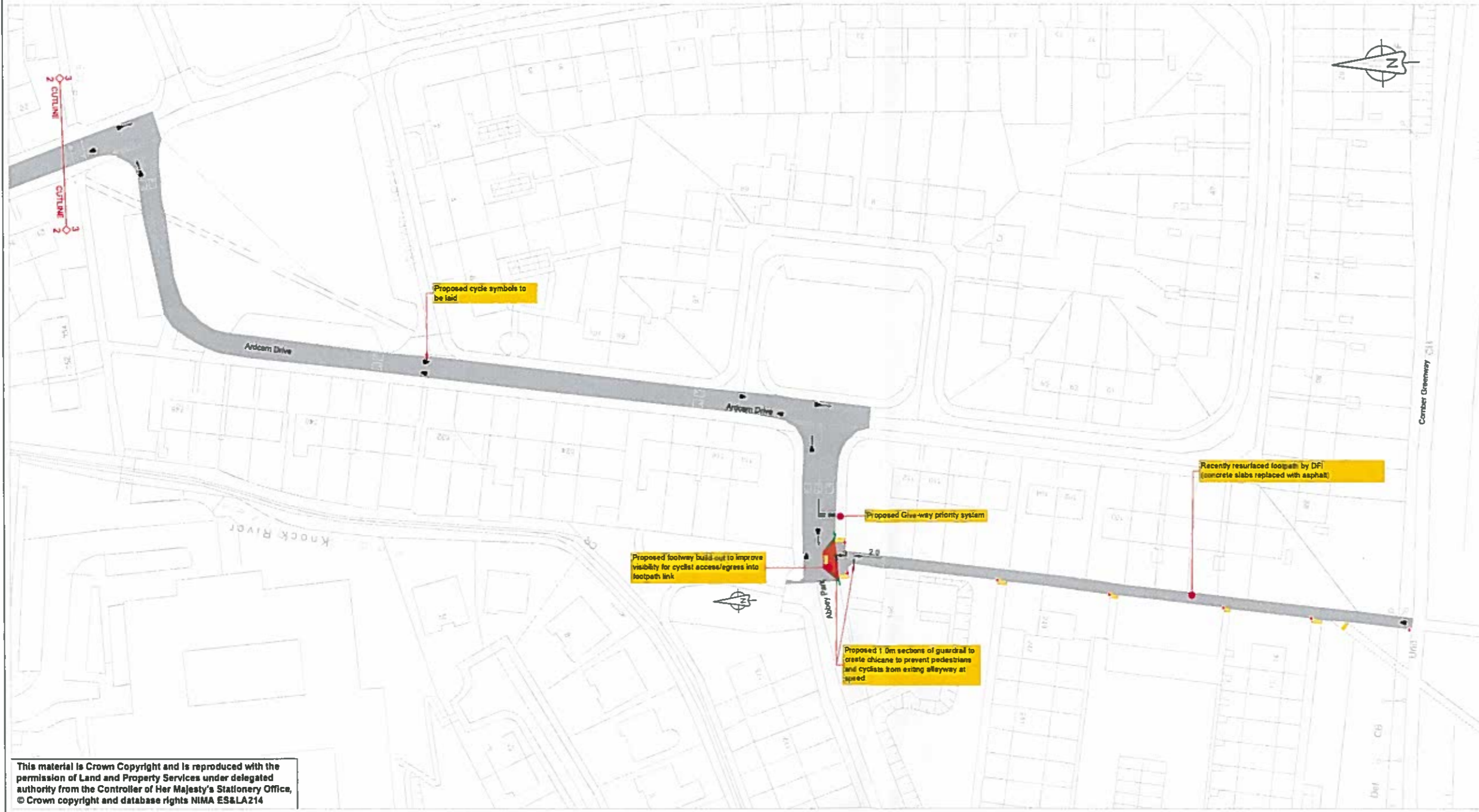
SPS2 Twenty Bollard
NTS

- Key**
- Existing Footway
 - Proposed Corduroy paving
 - Proposed Tactile paving
 - Proposed Dropped Bulfnose concrete kerb
 - Proposed HB2 concrete kerb
 - Proposed plastic bollard (SPS2 twenty) with recess shared signface
 - Proposed footway construction
 - Proposed Road Marking
 - Existing Road Marking
 - Proposed Pedestrian Guardrail

RESIDUAL DESIGN HAZARDS
(The following information has been collected from Preconstruction Information and the Amey CDM Hazard Management Process)

1. Existing BT services underground cables.
2. Existing DFI Rivers underground pipes.
3. Existing NIE underground cables.
4. Existing NRW underground pipes.
5. Existing Opineit underground cables.
6. Existing Virgin Media underground cables.

- NOTES**
1. All dimensions are in meters unless otherwise shown.
- Existing road markings
 - Proposed road markings
 - Existing Kerbs to be removed
 - Proposed kerbs
 - Proposed tactile paving
 - Proposed Corduroy paving
 - Proposed Bollard with recess shared signface diag no 956
 - Existing traffic calming feature



Rev	Revision details	Drwn	Chkd	Appd	Date
Designed:	DAH				Date: 20.09.19
Drawn:	DAH				Date: 20.09.19
Checked:	PW				Date: 20.09.19
Approved:	PW				Date: 20.09.19

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Client
Department for Infrastructure
Eastern Division, Annex 7,
Castle Buildings, Stormont Estate
Upper Newtownards Road, Belfast, BT4 3SQ

Project Name
Stoney Rd to Comber Greenway Cycle Linkage

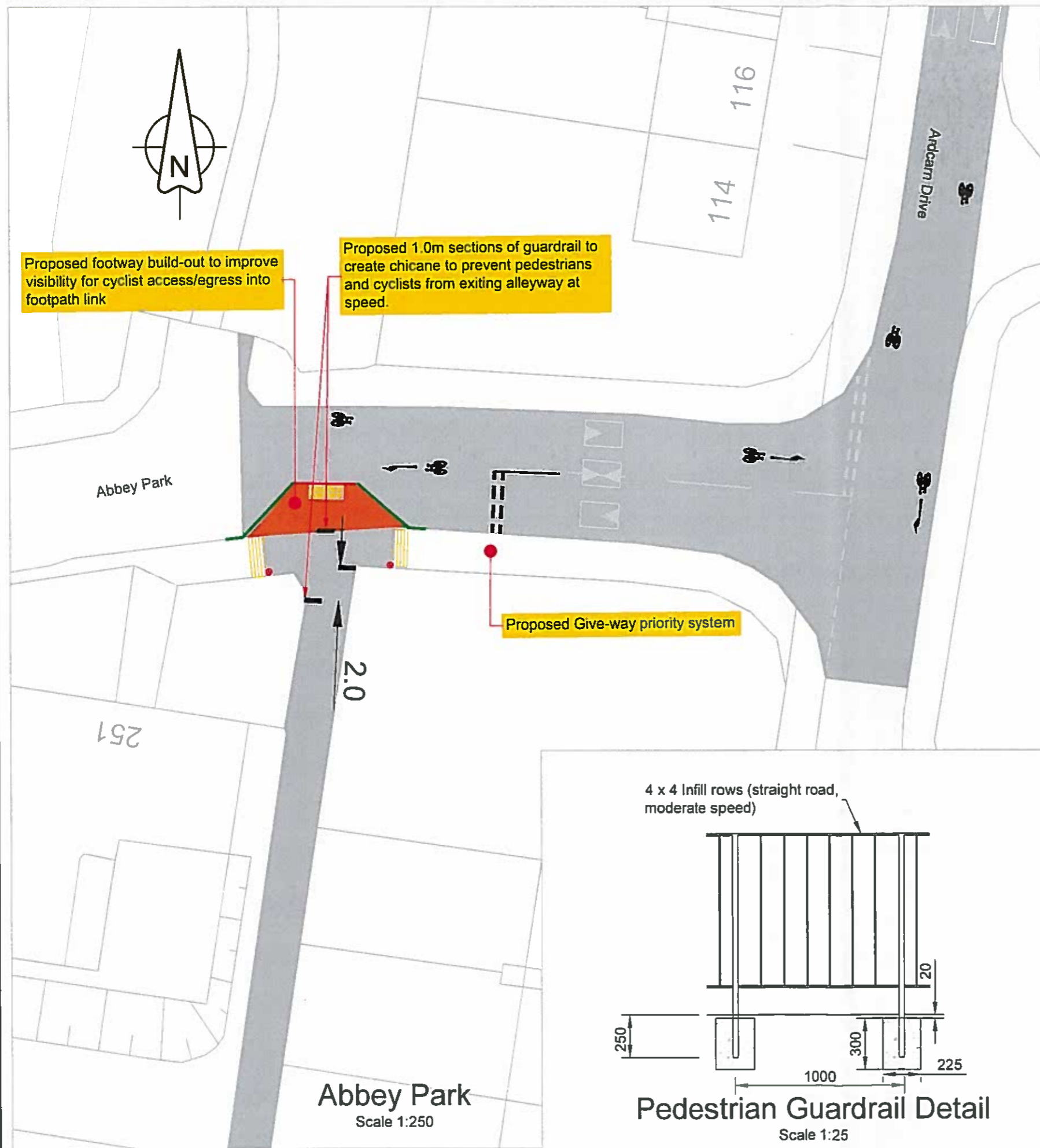
Drawing Title
Proposed Layout Consultation Drawing (Sheet 2 of 2)

Original Drawing Size	A1	Scale	1:500
Dimensions			

Drawing Status
WORK IN PROGRESS

Suitability
S0

Drawing No	401593-AMEY-00-XX-DR-C-01002	Rev	P01.1
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- Key**
- Existing Footway
 - Proposed Corduroy paving
 - Proposed Tactile paving
 - Proposed Dropped Bullnose concrete kerb
 - Proposed HB2 concrete kerb
 - Proposed plastic bollard (SPS2 twenty) with recess shared signface
 - Proposed footway construction
 - Proposed Road Marking
 - Existing Road Marking
 - Proposed Pedestrian Guardrail

DESIGN HAZARDS

(The following information has been collected from Preconstruction Information and the Amey CDM Hazard Management Process.)

1. Existing BT services underground cables.
2. Existing DFI Rivers underground pipes.
3. Existing NIE underground cables.
4. Existing NIW underground pipes.
5. Existing Opineir underground cables.
6. Existing Virgin Media underground cables.

NOTES

1. All dimensions are in meters unless otherwise shown.

Rev	Rev details	Drwn	Chkd	Appd	Date
Designed:	CD				Date: 04 09 19
Drawn:	DAH				Date: 04 09 19
Checked:	CD				Date: 20 09 19
Approved:	PW				Date: 20 09 19

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Client

Department for Infrastructure
 Eastern Division, Annex 7,
 Castle Buildings, Stormont Estate
 Upper Newtownards Road, Belfast, BT4 3SQ

Project Name

Stoney Rd to Comber
 Greenway Cycle Linkage

Drawing Title

Proposed Works
 Public Consultation
 (Sheet 3 of 3)

Original Drg Size: A3 Scale: 1:250
 Dimensions: -

Drawing Status
 WORK IN PROGRESS **Suitability**
 S0

Drawing No
 401593-AMEY-00-XX-DR-C-01005 **Revision**
 P01.1



ABBAY PARK

Proposed bollard.

Proposed dropped kerb.

Existing Railing to be relocated.

Existing large tree to remain.

Existing Manhole to remain.

Existing tree to remain.

Existing Street Light to remain in existing location. 230mm set back from path edge.

Proposed taper end of proposed filter drain.

Proposed 15m radius in line with LCDS Chapter 4: Off Road Cycle Facilities. Desirable minimum curve radii for a local access route - design speed 12mph.

Existing Manhole to remain.

Proposed 15m radius in line with LCDS Chapter 4: Off Road Cycle Facilities. Desirable minimum curve radii for a local access route - design speed 12mph.



Photo 2



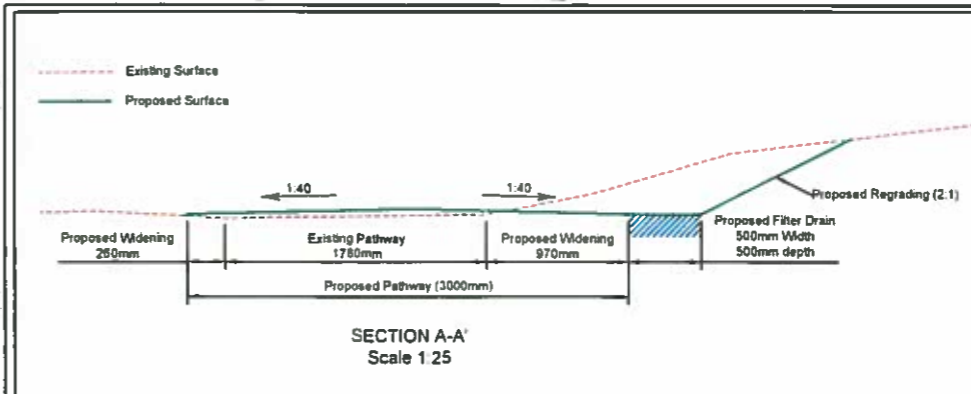
Photo 1

Existing tree to be removed.

Existing Street Light to remain in existing location. 500mm set back from path edge.

COMBER GREENWAY

Proposed bollard.



DESIGN HAZARDS

(The following information has been collected from Preconstruction Information and the Amey CDM Hazard Management Process.)

- Underground Northern Ireland electricity cables.

NOTES

- All dimensions are in metres unless stated otherwise.

Key

- Existing Kerb
- Proposed Dropped Kerb
- Existing Pathway
- Proposed Pathway Widening
- Existing Railing
- Existing Tree
- Existing Manhole
- Existing Street Light Column
- Proposed Bollard with Shared Footway Sign
- Proposed Regrading Area (3:2)
- Proposed 500mm wide 500mm depth filter drain

DRAFT

Rev	Rev details	Drwn	Chkd	Appd	Date

Designed: JFC Date: November 19
 Drawn: JFC Date: November 19
 Checked: CD Date: November 19
 Approved: PW Date: November 19

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Client
 Department for Infrastructure
 Eastern Division, Annex 7
 Castle Buildings, Stormont Estate
 Upper Newtownards Road, Belfast, BT4 3SQ

Project Name
**Abbey Park Connection
 Cycle Lane**

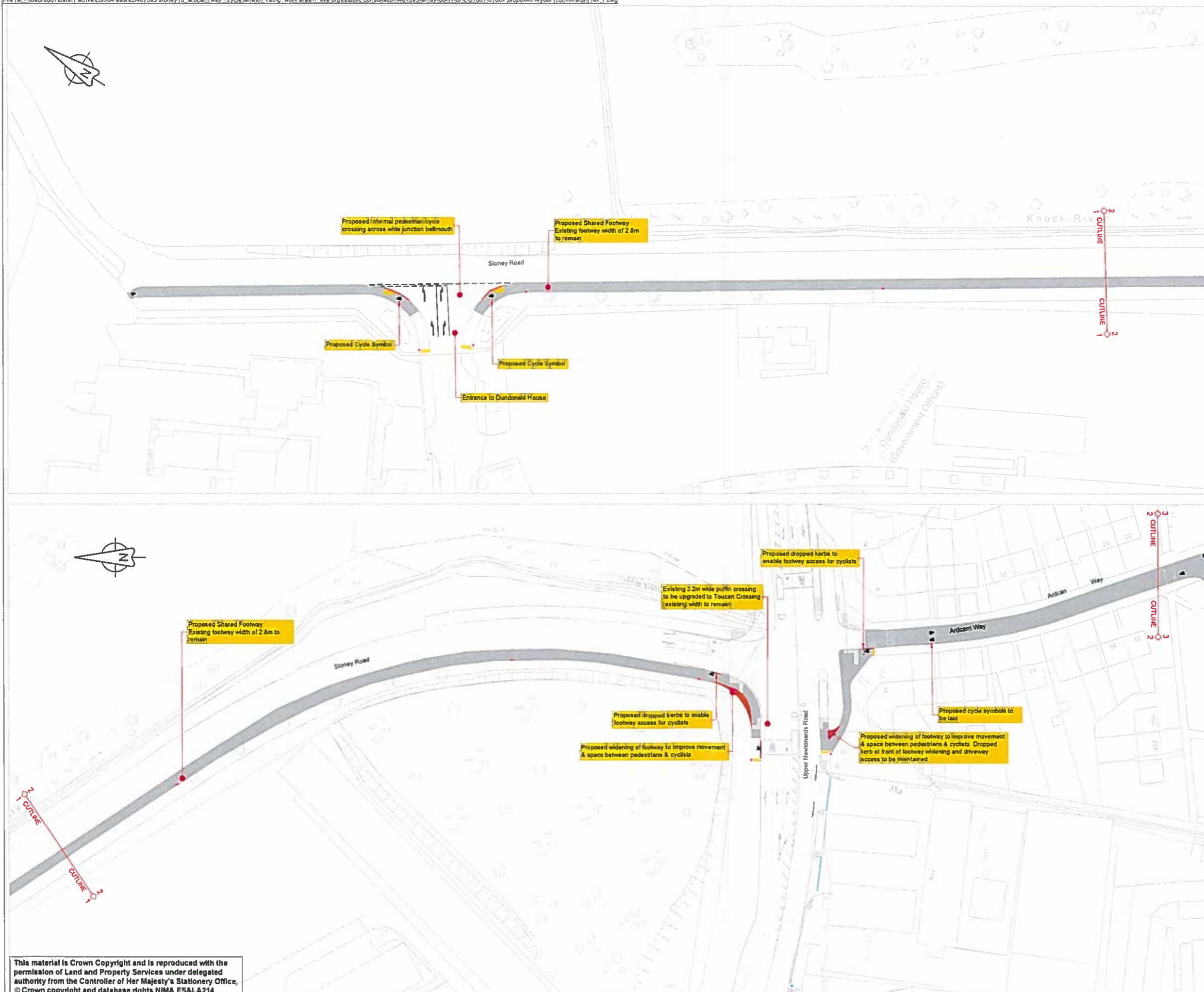
Drawing Title
**General Layout
 Pathway Widening**

Original Drg Size: A3 Scale: 1:250
 Dimensions: m

Drawing Status: **WORK IN PROGRESS** Suitability: **S0**

Drawing No: 401593-AMEY-00-XX-DR-C-00101 Revision: **P01.1**





RESIDUAL DESIGN HAZARDS
 (The following information has been collected from Preconstruction Information and the Arney CDM Hazard Management Process)

- Existing BT services underground cables.
- Existing DFI Rivers underground pipes.
- Existing NIE underground cables.
- Existing NRY underground pipes.
- Existing Openeir underground cables.
- Existing Virgin Media underground cables.

NOTES

- All dimensions are in meters unless otherwise shown.

KEY:

- Existing Footway
- Proposed Corduroy paving
- Proposed Tactile paving
- Proposed Dropped Bulbnose concrete kerb
- Break out existing bulbnose concrete kerbs and dispose to tip
- Proposed plastic bollard (SPS2 twenty) with recess shared signage
- Proposed footway construction
- Proposed Road Marking
- Existing Road Marking

Rev	Revision details	Drwn	Chkd	Appd	Date
Designed:	DAH				Date: 20.09.19
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Checked:	PW				Date: 20.09.19
Approved:	PW				Date: 20.09.19

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Client
 Department for Infrastructure
 Eastern Division, Annex 7,
 Castle Buildings, Stormont Estate
 Upper Newtownards Road, Belfast, BT4 3SQ

Project Name
**Stoney Rd to Comber Greenway
 Cycle Linkage**







Drawing Title
**Proposed Layout
 Consultation Drawing
 (Sheet 1 of 2)**

Original Drawing Size: A1 Scale: 1:500
 Dimensions:

Drawing Status
WORK IN PROGRESS S0

Drawing No
 401593-AMEY-00-XX-DR-C-01001 Rev
 P01.1

Key

- | | | | |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | Existing Footway |  | Proposed footway construction |
|  | Proposed Corduroy paving |  | Proposed Road Marking |
|  | Proposed Dropped Bullnose concrete kerb |  | Existing Road Marking |
|  | Proposed plastic bollard (SPS2 twenty) with recess shared signface |  | Break out existing bullnose concrete kerbs and dispose to tip. |

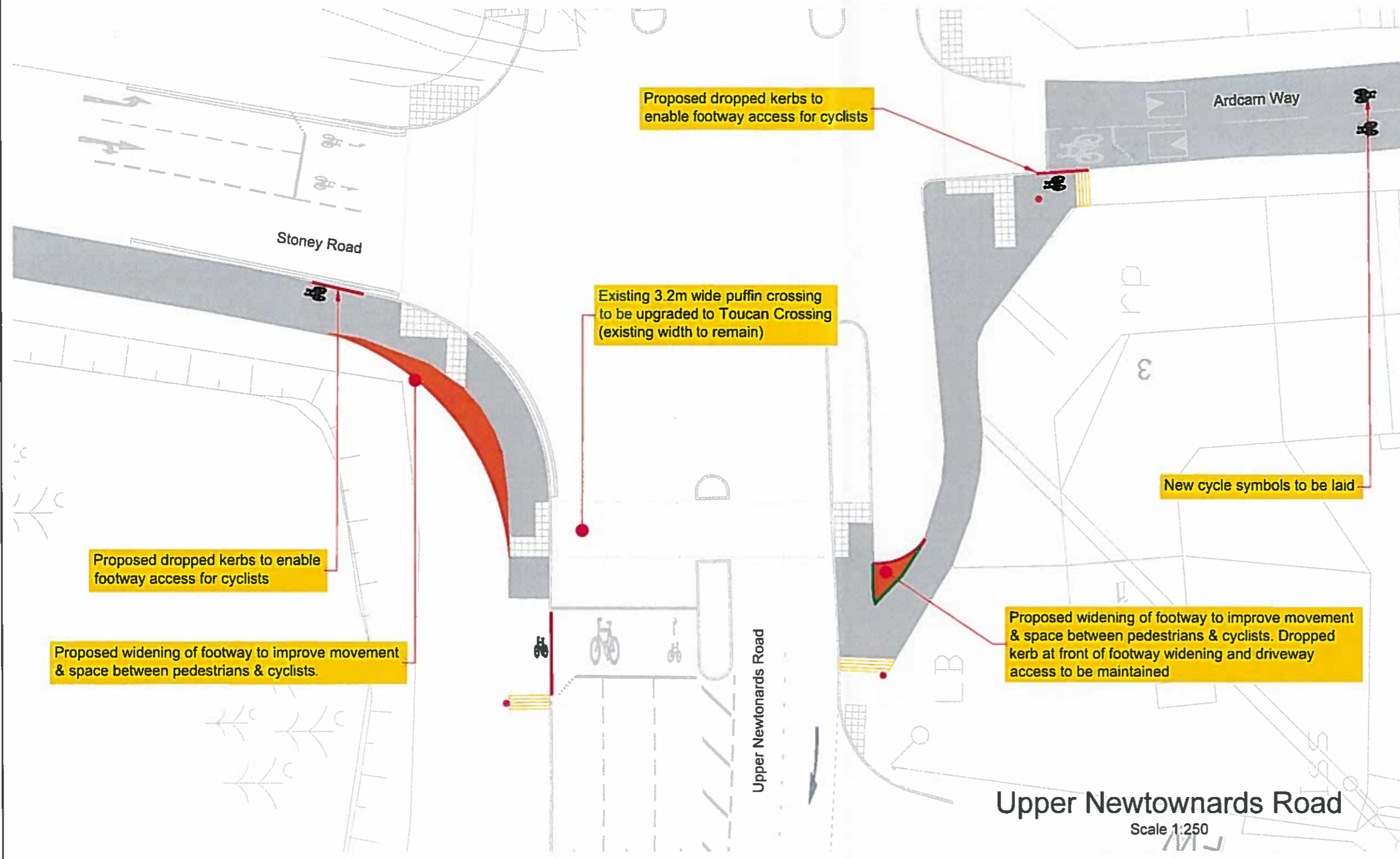
DESIGN HAZARDS

(The following information has been collected from Preconstruction Information and the Amey CDM Hazard Management Process.)

1. Existing BT services underground cables.
2. Existing DFI Rivers underground pipes.
3. Existing NIE underground cables.
4. Existing NIW underground pipes.
5. Existing Opineir underground cables.
6. Existing Virgin Media underground cables.

NOTES

1. All dimensions are in meters unless otherwise shown.



Rev	Rev details	Drwn	Chkd	Appd	Date

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Client
 Department for Infrastructure
 Eastern Division, Annex 7
 Castle Buildings, Stormont Estate
 Upper Newtownards Road, Belfast, BT4 3SQ

Project Name
Stoney Rd to Comber Greenway Cycle Linkage

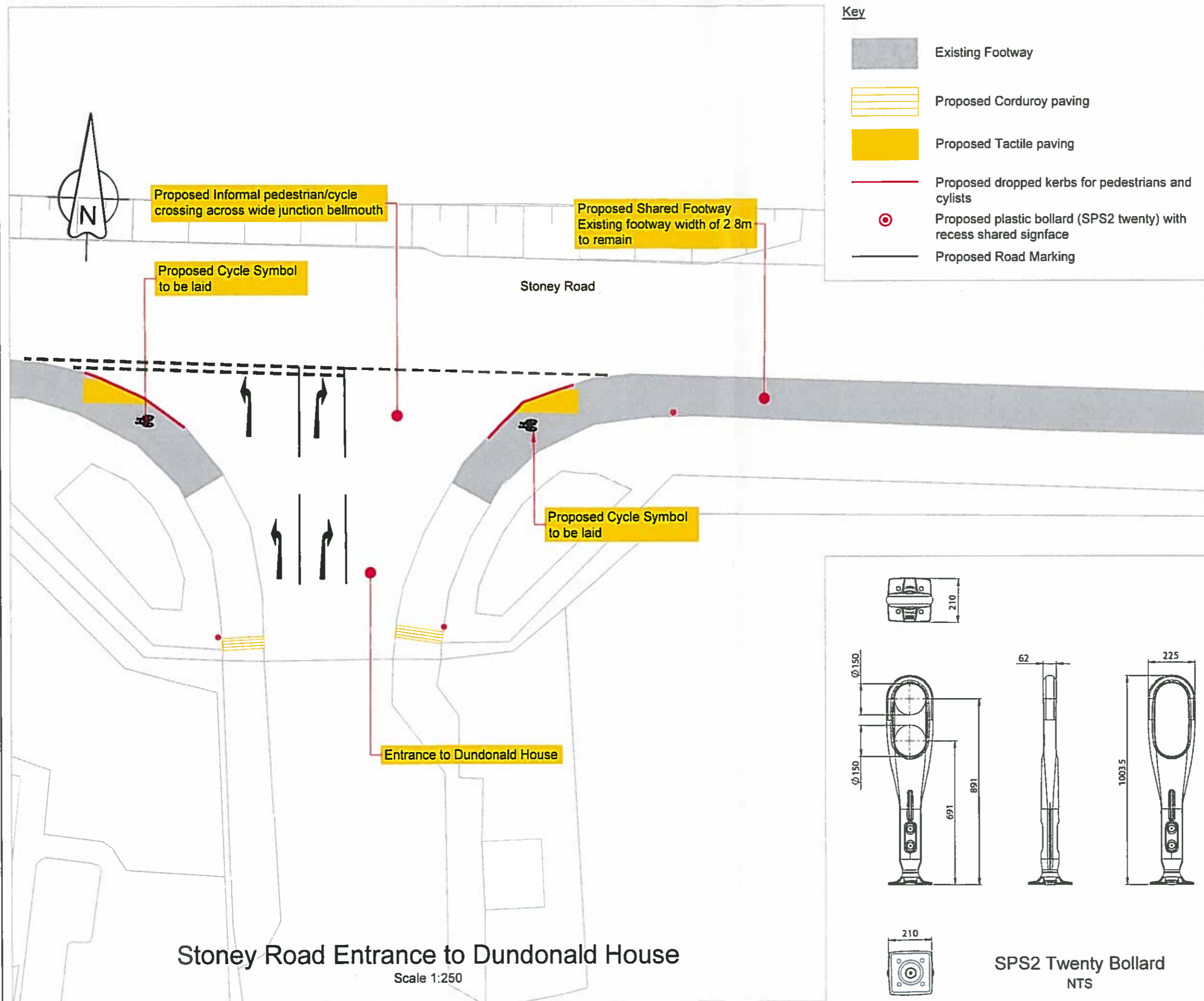
Drawing Title
Proposed Works Public Consultation (Sheet 2 of 3)

Original Drg Size : A3 Scale : 1:250
 Dimensions : -

Drawing Status Suitability
WORK IN PROGRESS **S0**

Drawing No Revision
 401593-AMEY-00-XX-DR-C-01004 **P01.1**

Upper Newtownards Road
 Scale 1:250



Key

- Existing Footway
- Proposed Corduroy paving
- Proposed Tactile paving
- Proposed dropped kerbs for pedestrians and cyclists
- Proposed plastic bollard (SPS2 twenty) with recess shared signface
- Proposed Road Marking

DESIGN HAZARDS

(The following information has been collected from Preconstruction Information and the Amey CDM Hazard Management Process.)

- Existing BT services underground cables.
- Existing DFI Rivers underground pipes.
- Existing NIE underground cables.
- Existing NIW underground pipes.
- Existing Opineir underground cables.
- Existing Virgin Media underground cables.

NOTES

- All dimensions are in meters unless otherwise shown.

Rev	Rev details	Drwn	Chkd	Appd	Date

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Client
 Department for Infrastructure
 Eastern Division, Annex 7,
 Castle Buildings, Stormont Estate
 Upper Newtownards Road, Belfast, BT4 3SQ

Project Name
 Stoney Rd to Comber
 Greenway Cycle Linkage

Drawing Title
 Proposed Works
 Public Consultation
 (Sheet 1 of 3)

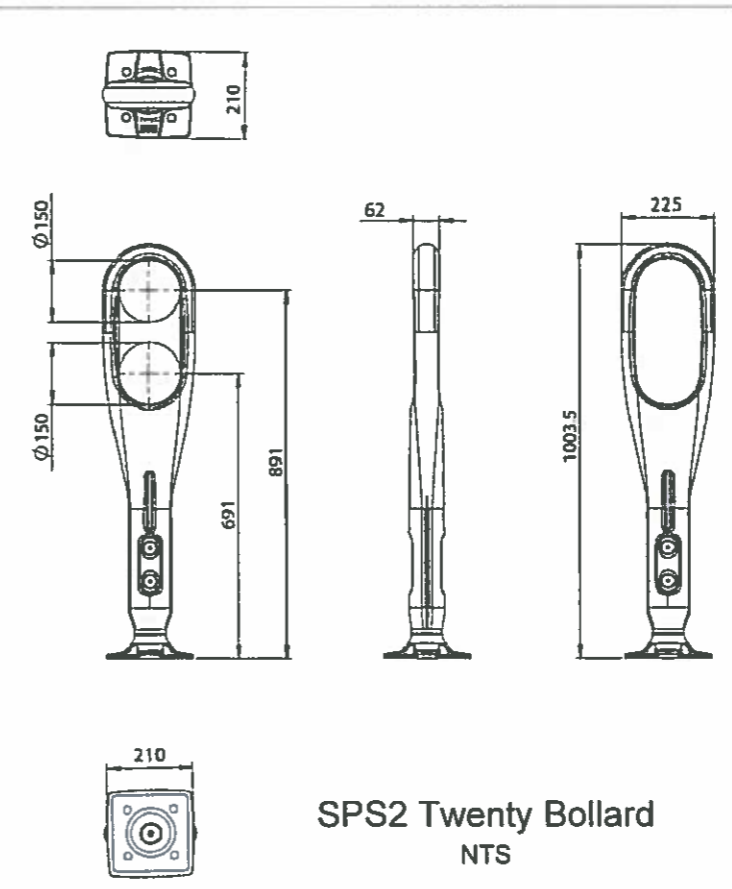
Original Drg Size: A3 Scale: 1:250
 Dimensions: -

Drawing Status
 WORK IN PROGRESS

Suitability
 S0

Drawing No
 401593-AMEY-00-XX-DR-C-01003

Revision
 P01.1



Stoney Road Entrance to Dundonald House
 Scale 1:250

SPS2 Twenty Bollard
 NTS