Appendix B Drawings

THE FOLLOWING WORKS ARE TO BE UNDERTAKEN IN THE IMPLEMENTATION OF THIS BUS STOP:

1. EXISTING ROAD MARKINGS ARE TO BE REMOVED AS ARRANGEMENT SHOWS.
2. EXISTING KERBS TO BE REMOVED AS ARRANGEMENT SHOWS.
4. EXISTING BUFF BLISTER PAVING TO BE REMOVED AS ARRANGEMENT SHOWS.
5. EXISTING SIGNS TO BE REMOVED AND SET ASIDE FOR REUSE AS ARRANGEMENT SHOWS.
6. PROPOSED KERBS TO BE SET AS ARRANGEMENT SHOWS.
7. PROPOSED BUFF BLISTER PAVING TO BE INSTALLED AS ARRANGEMENT SHOWS.
8. EXISTING FOOTWAY TO BE REGRADED AS ARRANGEMENT SHOWS.
9. PROPOSED FOOTWAY TO BE CONSTRUCTED AS ARRANGEMENT SHOWS.
10. NEW TFI BRANDED BUS POLE WITH FLAG MOUNTED IN RS60 SOCKET TO BE INSTALLED.
11. PROPOSED ROAD MARKINGS ARE TO BE PROVIDED AS ARRANGEMENT SHOWS.
12. NEW BUS SHELTER TO BE INSTALLED BY NTA CONTRACTOR AT FUTURE DATE.

REF NO.	SCHEDULE OF WORKS - ITEM DESCRIPTION	UNIT	QUANTITY
	ITEMS TO BE REMOVED		
2.002	EXISTING KERBS TO BE REMOVED	m	50
2.008	EXISTING BUFF COLOURED BLISTER TACTILE PAVING TO BE REMOVED	m2	3
2.013	EXISTING BUS STOP POLE TO BE REMOVED	No.	1
2.015	EXISTING SIGNS TO BE RELOCATED	No.	1
2.104	HATCH MARKING RRM 021	m	39
	PROPOSED ITEMS		
11.001	INSITU KERB	m	14.2
11.003	ACCESSIBLE KERB	m	9
11.004	ACCESSIBLE KERB TRANSITION	m	2
11.006	DROPPED KERB	m	12
11.007	DROPPER KERB	m	12
11.010	PROPOSED FOOTWAY CONSTRUCTION / REGRADING	m2	80
11.013	PROPOSED BUFF BLISTER TACTILE PAVING	m2	24.8
12.001	PROPOSED BUS STOP POLE IN RS60 SOCKET	No.	1
12.122	ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT	m	11
12.127	BUS CAGE LINE MARKING RRM 030 - 18M X 3M	Item	1
17.001	BUS SHELTER FOUNDATION	No.	1
17.002	BUS SHELTER SUPERSTRUCTURE	No.	1
	ITEMS SHOWN WITHIN THIS SCHEDULE OF WORKS ARE NOT MEASURED IN ACCORDANCE WITH TII RMP		

NOTES:

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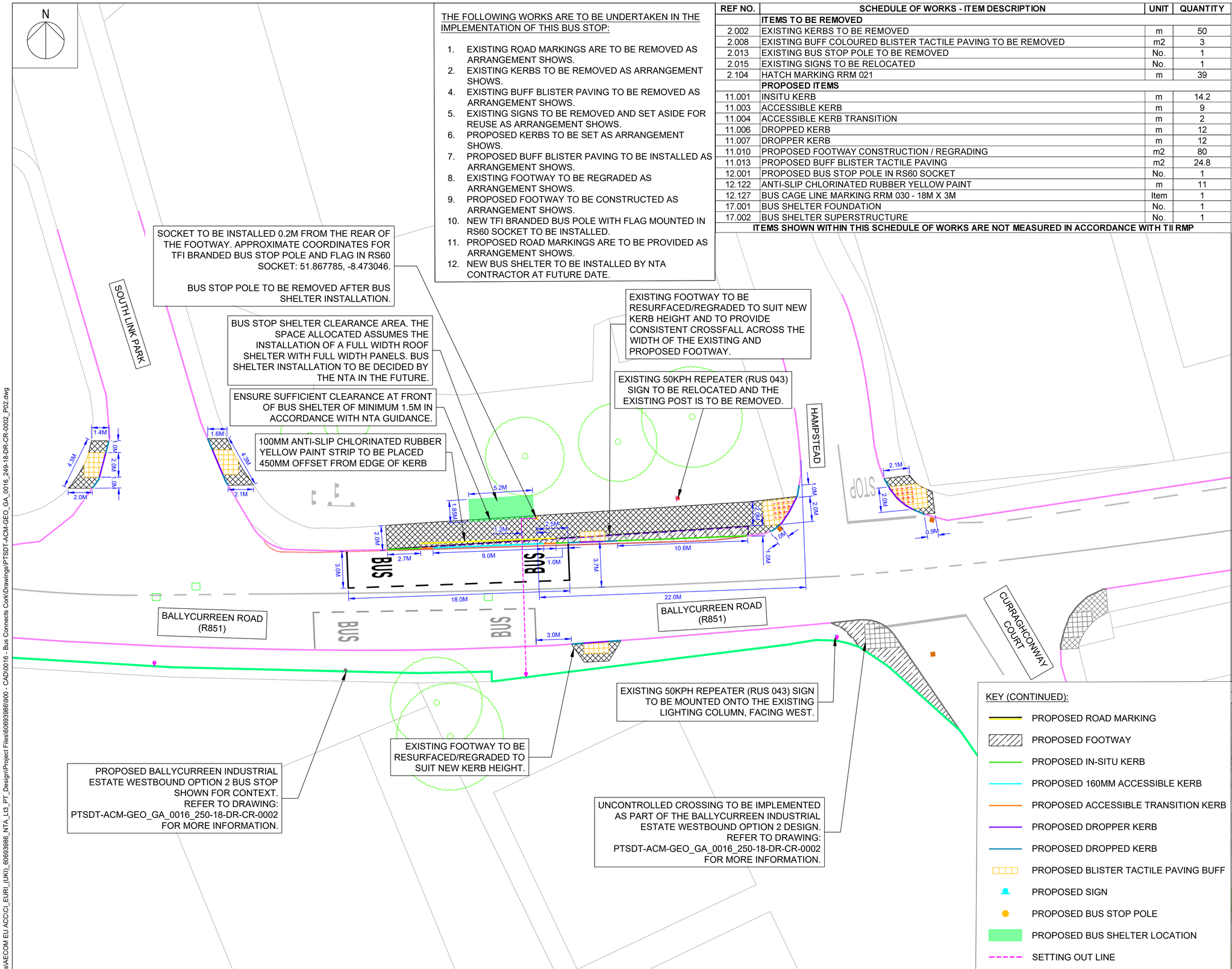
2. LOCATIONS ARE APPROXIMATE AND ARE TO BE AGREED ON SITE WITH THE OVERSEEING ORGANISATION.
3. ALL UTILITIES SHOWN ARE INDICATIVE ONLY AND REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
4. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
5. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
6. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
7. INDICATIVE LAYOUT AND ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.
8. ANY VEGETATION OVERHANGING FOOTWAY OR CYCLE TRACK TO BE APPROPRIATELY MAINTAINED BY THE LOCAL AUTHORITY TO PREVENT OBSTRUCTIONS.
9. ALL NEW AND EXISTING GULLIES AFFECTED BY SITE WORKS TO BE CLEARED OF DEBRIS, DIRT AND LEAVES.

KEY:

- EXISTING ROAD MARKING
- EXISTING ROAD MARKING TO BE REMOVED
- EXISTING FOOTWAY TO BE RESURFACED /REGRADED
- EXISTING IN-SITU KERB
- EXISTING KERB TO BE REMOVED
- EXISTING LIGHTING COLUMN
- EXISTING SERVICE COVER
- EXISTING GULLY
- EXISTING SIGN
- EXISTING SIGN TO BE RELOCATED
- EXISTING SIGN TO BE REMOVED
- EXISTING BLISTER TACTILE PAVING TO BE REMOVED
- EXISTING TREE
- EXISTING WALL

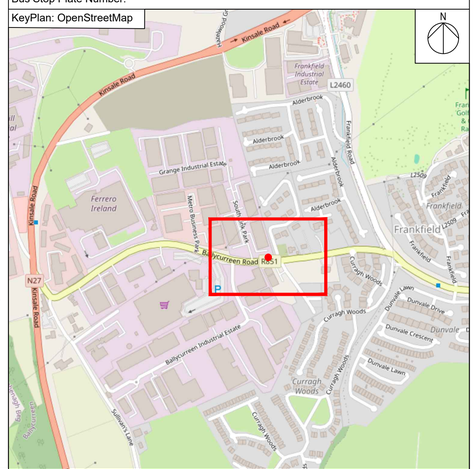


KEY (CONTINUED):

- PROPOSED ROAD MARKING
- PROPOSED FOOTWAY
- PROPOSED IN-SITU KERB
- PROPOSED 160MM ACCESSIBLE KERB
- PROPOSED ACCESSIBLE TRANSITION KERB
- PROPOSED DROPPER KERB
- PROPOSED DROPPED KERB
- PROPOSED BLISTER TACTILE PAVING BUFF
- PROPOSED SIGN
- PROPOSED BUS STOP POLE
- PROPOSED BUS SHELTER LOCATION
- SETTING OUT LINE

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
P01	25/09/2024	OD	JU	ADR	CONCEPT DESIGN FOR NTA TO REVIEW
P02	18/11/2024	HS	LN	ADR	ISSUE FOR PRELIMINARY DESIGN

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: AECOM

Programme Title: **PUBLIC TRANSPORT STOP DESIGN TEAM SERVICES**

Drawing Title: BALLYCURREEN INDUSTRIAL ESTATE EASTBOUND GENERAL ARRANGEMENT OPTION 3

Date	Scale	Drawn	Checked	Approved
18/11/2024	1:150 @ A1 1:300 @ A3	HS	LN	ADR

Phase	Route	Stop Number
3	0016	249

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0016_249-18-DR-CR-0002	1 of 1	S0	P02

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C:\Users\SheliardH\DC\ACCDocs\AECOM EU ACC\CI_EURI_(UKI)_60693986_NTA_L13_PT_Design\Project Files\60693986\900 - CAD\0016 - Bus Connects Cork\Drawings\PTSDT-ACM-GEO_GA_0016_249-18-DR-CR-0002_P02.dwg

Proposal Summary

The bus network in Cork has been comprehensively redesigned as part of the BusConnects Cork programme. The redesign work was carried out in partnership with the City and the County Councils to ensure full integration with local, regional and national policy. There was extensive engagement with the public and with stakeholders.

The new bus network will provide over 50% more service than existing, an unprecedented investment in Cork's public transport. More areas are being served; more people are within walking distance of a high frequency and there will be more 24-hour operation.

It is planned to deliver these benefits during 2025 and 2026. Certain infrastructure is required to allow the new network to be operated. Buses need a means of turning around at the new endpoints of the new/extended routes. Excellent reliability depends on layover space at the terminal to allow time in schedules for any late-running bus to return on time on its next trip.

A detailed operational review of the new bus network has now identified the shorter-term stop and terminus alterations needed to support the introduction of the new bus system.

Proposal

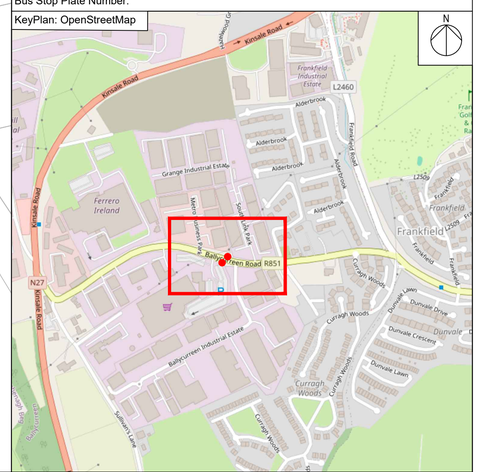
The proposed works are summarised as follows:

1) Proposed buildout to be installed into the carriageway from the northern footway.
2) 160mm accessible kerbing to be provided along the length of the eastbound bus boarding area.
3) 2.0m wide uncontrolled crossing with tactile paving at either each side road surrounding the two bus stops.
4) 2.0m wide uncontrolled crossing with tactile paving to connect the two proposed stops across Airport Road.
5) Proposed footway extension on the western side of the Curraghconway Court junction.
6) Renewal/replacement of other road drainage, road signage and road markings as might be necessary.
7) All other associated ancillary site works.

The scheme has been designed in accordance with the Design Manual for Urban Roads and Streets and, where relevant, the TII Design Manual for Roads & Bridges. All layouts and details are indicative for consultation purposes and may be subject to change.

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



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Rev	Date	Drn	Chk'd	App'd	Description
P01	25/09/2024	HS	LN	ADR	ISSUE FOR PRELIMINARY DESIGN
P02	01/05/2025	HS	JH	LN	ISSUE FOR PRELIMINARY DESIGN

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: AECOM

Programme Title: **PUBLIC TRANSPORT STOP DESIGN TEAM SERVICES**

Drawing Title: BALLYCURREEN INDUSTRIAL ESTATE EASTBOUND AND WESTBOUND CONSULTATION DRAWING OPTION 3

Date	Scale	Drawn	Checked	Approved
01/05/2025	1:150 @ A1 1:300 @ A3	HS	JH	LN

Phase	Route	Stop Number
3	0016	249

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0016_249-18-DR-CR-0004	1 of 1	S0	P02

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THE FOLLOWING WORKS ARE TO BE UNDERTAKEN IN THE IMPLEMENTATION OF THIS BUS STOP:

1. EXISTING KERBS TO BE REMOVED AS ARRANGEMENT SHOWS.
2. PROPOSED KERBS TO BE SET AS ARRANGEMENT SHOWS.
3. PROPOSED BUFF BLISTER PAVING TO BE INSTALLED AS ARRANGEMENT SHOWS.
4. EXISTING FOOTWAY TO BE REGRADED AS ARRANGEMENT SHOWS.
5. PROPOSED FOOTWAY TO BE CONSTRUCTED AS ARRANGEMENT SHOWS.
6. NEW TFI BRANDED BUS POLE WITH FLAG MOUNTED IN RS60 SOCKET TO BE INSTALLED.
7. PROPOSED ROAD MARKINGS ARE TO BE PROVIDED AS ARRANGEMENT SHOWS.

REF NO.	SCHEDULE OF WORKS - ITEM DESCRIPTION	UNIT	QUANTITY
	ITEMS TO BE REMOVED		
2.002	EXISTING KERBS TO BE REMOVED	m	9.6
2.009	EXISTING CARRIAGEWAY TO BE REMOVED (FOR PEDESTRIAN / CYCLING AREAS)	m2	17.9
	PROPOSED ITEMS		
11.001	INSITU KERB	m	12.5
11.006	DROPPED KERB	m	4
11.007	DROPPER KERB	m	4
11.010	PROPOSED FOOTWAY CONSTRUCTION / REGRADING	m2	18.6
11.013	PROPOSED BUFF BLISTER TACTILE PAVING	m2	8.3
12.001	PROPOSED BUS STOP POLE IN RS60 SOCKET	No.	1
12.127	BUS CAGE LINE MARKING RRM 030 - 18M X 3M	Item	1
ITEMS SHOWN WITHIN THIS SCHEDULE OF WORKS ARE NOT MEASURED IN ACCORDANCE WITH TII RMP			

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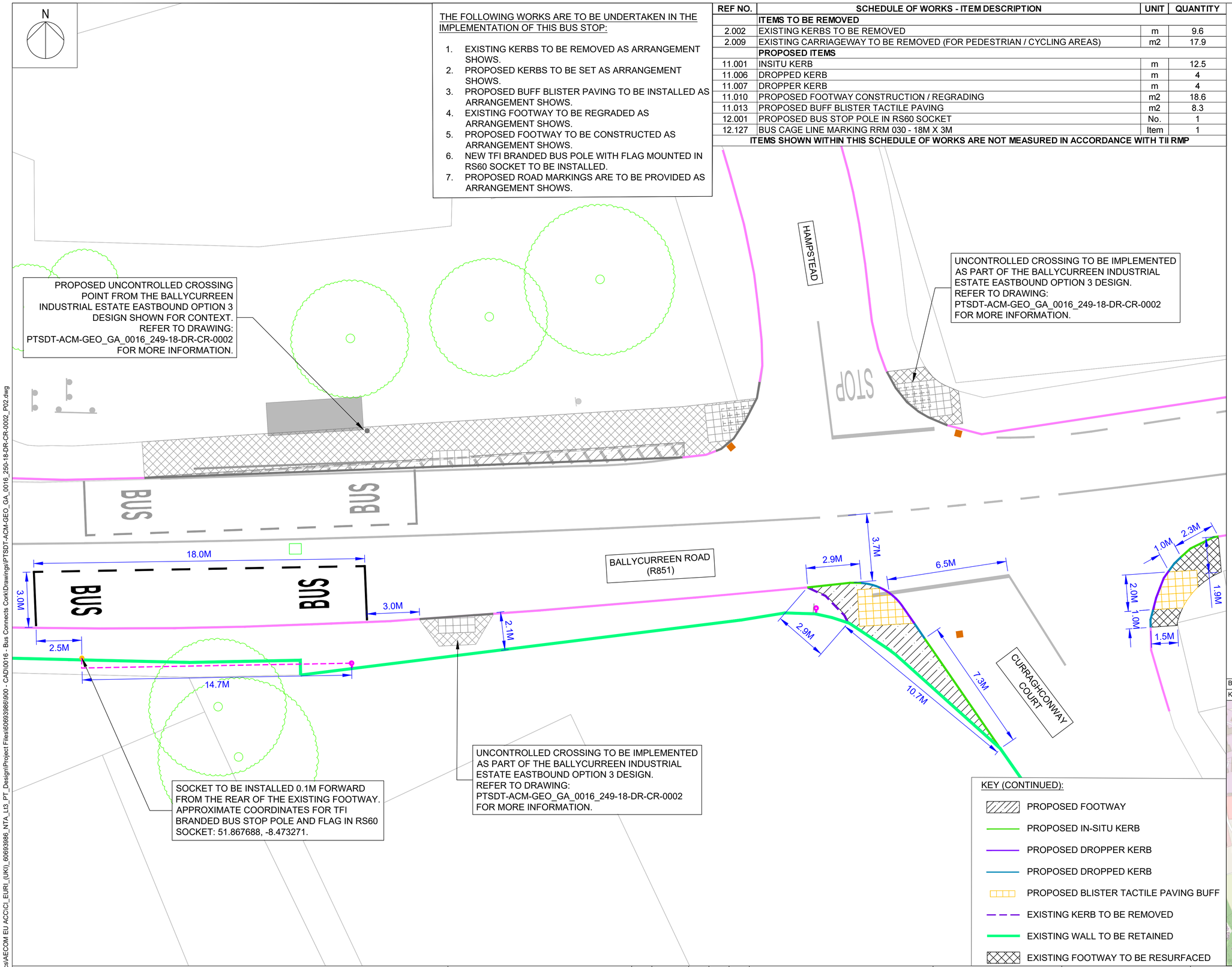
9. ALL NEW AND EXISTING GULLIES AFFECTED BY SITE WORKS TO BE CLEARED OF DEBRIS, DIRT AND LEAVES.
10. AFTER ASSESSMENT, THERE IS NOT SUFFICIENT ROOM TO ACCOMMODATE A NEW BUS SHELTER AT THIS LOCATION DUE TO THE AVAILABLE SPACE WITHIN THE HIGHWAY BOUNDARY, AND HAS THEREFORE NOT BEEN INCLUDED WITHIN THIS DESIGN.

KEY:

- EXISTING ROAD MARKING
- EXISTING IN-SITU KERB
- EXISTING LIGHTING COLUMN
- EXISTING SERVICE COVER
- EXISTING GULLY
- EXISTING SIGN
- EXISTING BLISTER TACTILE PAVING
- EXISTING TREE
- PROPOSED ROAD MARKING
- PROPOSED BUS STOP POLE
- SETTING OUT LINE

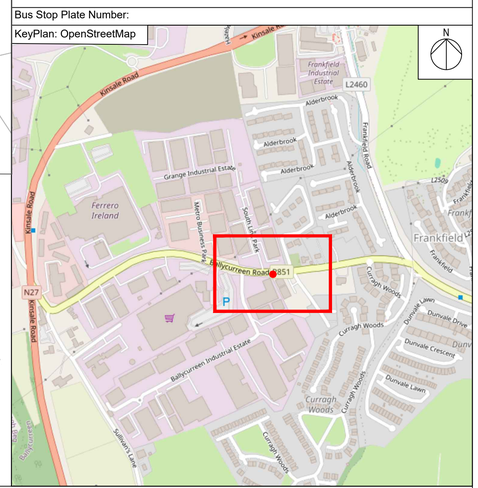


KEY (CONTINUED):

- PROPOSED FOOTWAY
- PROPOSED IN-SITU KERB
- PROPOSED DROPPER KERB
- PROPOSED DROPPED KERB
- PROPOSED BLISTER TACTILE PAVING BUFF
- EXISTING KERB TO BE REMOVED
- EXISTING WALL TO BE RETAINED
- EXISTING FOOTWAY TO BE RESURFACED

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



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P02	18/11/2024	HS	LN	ADR	ISSUE FOR PRELIMINARY DESIGN

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: AECOM

Programme Title: **PUBLIC TRANSPORT STOP DESIGN TEAM SERVICES**

Drawing Title: BALLYCURREEN INDUSTRIAL ESTATE WESTBOUND OPTION 2 GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
18/11/2024	1:100 @ A1 1:200 @ A3	HS	LN	ADR

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
3	0016	250	PTSDT-ACM-GEO_GA_0016_250-18-DR-CR-0002	1 of 1	S0	P02

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