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

1. NEW RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED. POLE HAS BEEN PLACED AT THE REAR OF THE FOOTWAY WITH THE FLAG FACING TOWARDS THE CARRIAGEWAY.
2. PROPOSED FOOTWAY RESURFACING REQUIRED AT THE CONTROLLED CROSSING TACTILE PAVING.
3. CONTROLLED CROSSING AS PER TII PUBLICATION CC-SCD-05127 WITH RED BLISTER TACTILE TO BE PROVIDED.
4. RAISED TABLE AS PER TII PUBLICATION CC-SCD-05145 WITH RED CARRIAGEWAY SURFACING AND SUITABLE DRAINAGE.
5. EXISTING ROAD MARKINGS TO BE REMOVED AND PROPOSED ROAD MARKINGS LAID.

SCHEDULE OF WORKS:

1. DROPPED KERB - 4.80M
2. DROPPER KERB (TRANSITION) - 4.00M
3. RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL
4. RED BLISTER TACTILE PAVING - 7.30M²
5. PROPOSED FOOTWAY RESURFACING - 14.84M²
6. PROPOSED RAISED TABLE - 40.10M²
7. PROPOSED TRAFFIC SIGNAL POLES - 2 NO.
8. PROPOSED GULLY - 4 NO.
9. EXISTING ROAD MARKINGS TO BE REMOVED:
   - 55.90M BROKEN CENTRE LINE (RRM 002)
10. PROPOSED ROAD MARKINGS:
   - 15.00M BUS LAY-BY MARKING (RRM 030)
   - 7.50M STOP LINE MARKING (RRM 017)
   - 47.50M SOLID CENTERLINE MARKING (RRM 001)
   - 14.80M CONTROLLED CROSSING MARKING (M 131)
   - 6 NO. TRAFFIC CALMING TRIANGLE (M 112)

NOTES:

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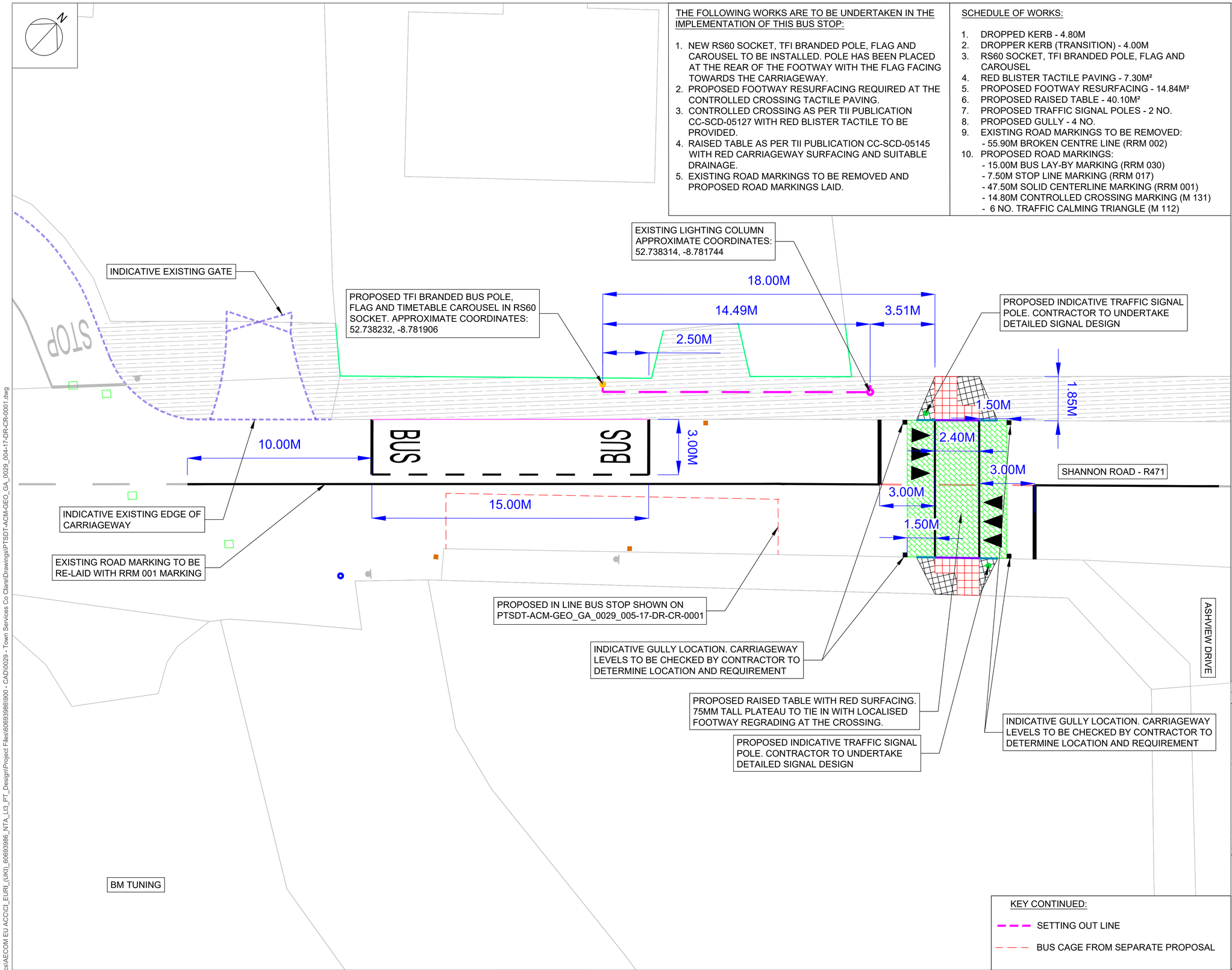
3. CO-ORDINATES SHOWN ON DRAWINGS REFERENCE DECIMAL DEGREES LATITUDE/LONGITUDE.
4. ALL UTILITIES SHOWN ARE INDICATIVE ONLY AND REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
5. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
6. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
7. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
8. INDICATIVE ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.

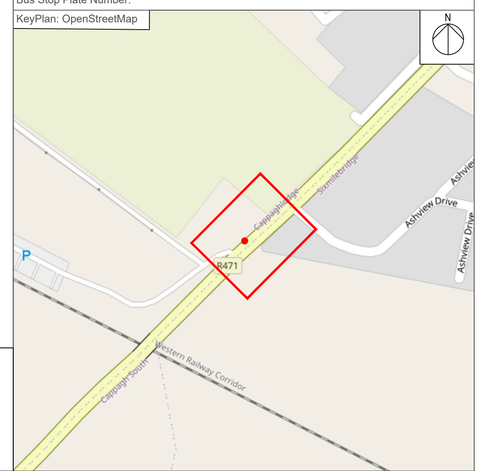


KEY:

- PROPOSED BUS STOP POLE
- PROPOSED DROPPED KERB
- PROPOSED DROPPER KERB
- PROPOSED ROAD MARKINGS
- PROPOSED FOOTWAY RESURFACING
- PROPOSED RAISED TABLE
- PROPOSED RED BLISTER TACTILE PAVING
- PROPOSED TRAFFIC SIGNAL POLE
- PROPOSED GULLY
- EXISTING GULLY
- EXISTING ROAD MARKINGS
- EXISTING ROAD MARKINGS TO BE REMOVED
- EXISTING FOOTWAY TO BE RETAINED
- EXISTING SIGN TO BE RETAINED
- EXISTING KERB TO BE RETAINED
- EXISTING WALL TO BE RETAINED
- EXISTING SERVICE COVER
- EXISTING LIGHTING POLE
- EXISTING UTILITY POLE
- INDICATIVE INFORMATION LINE

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



KEY CONTINUED:

- SETTING OUT LINE
- BUS CAGE FROM SEPARATE PROPOSAL

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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
P01	23/07/2024	AR	PS	AH	CONCEPT DESIGN FOR NTA REVIEW
P02	04/09/2024	PKS	PS	AH	ISSUE FOR PRELIMINARY DESIGN
P03	29/10/2024	BD	PS	AH	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: SIXMILEBRIDGE STATION NORTHBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
29/10/2024	1:100 @ A1 1:200 @ A3	BD	PS	AH

Phase	Route	Stop Number
-	-	-

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0029_004-17-DR-CR-0001	1 of 1	S0	P03

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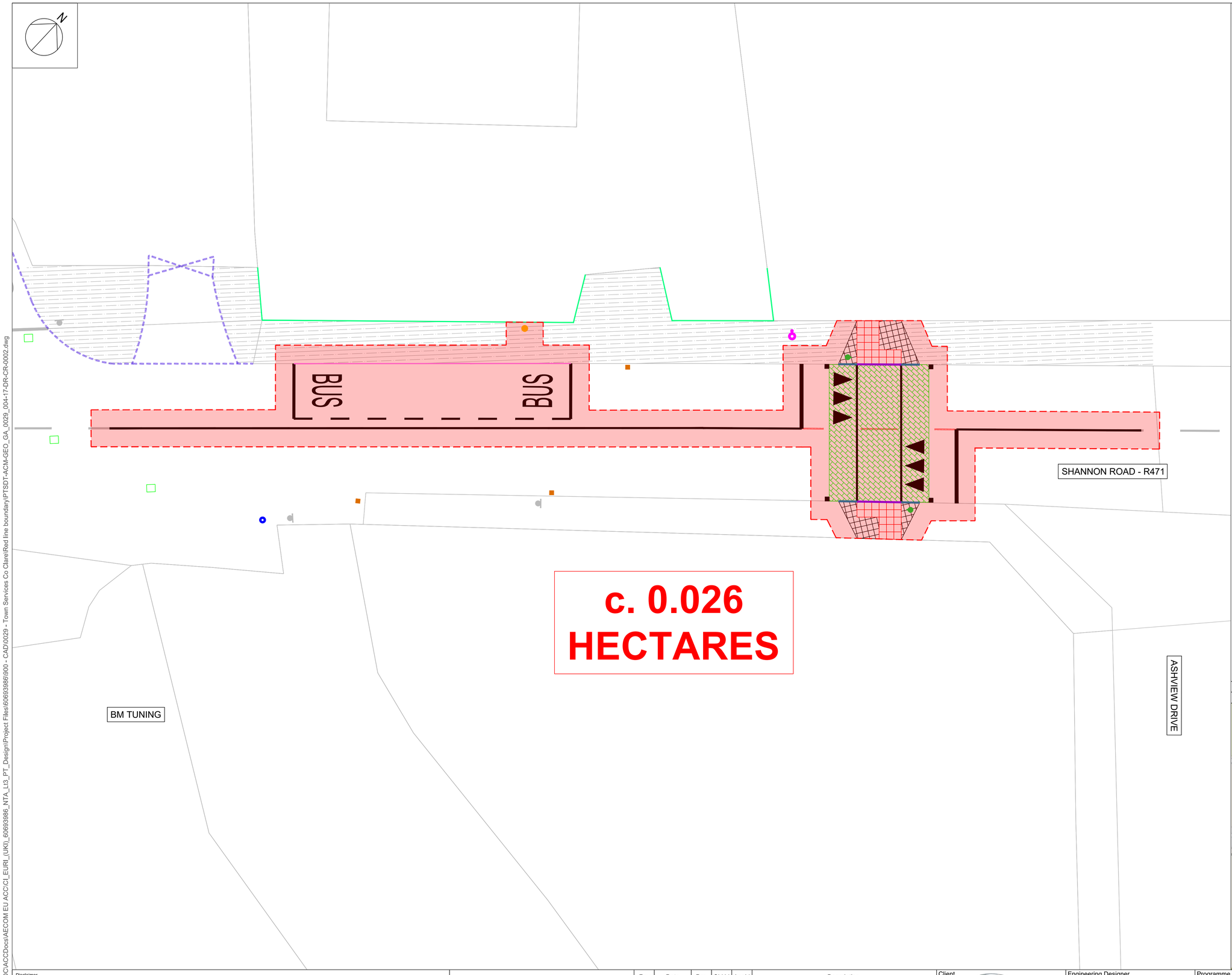

NOTES:

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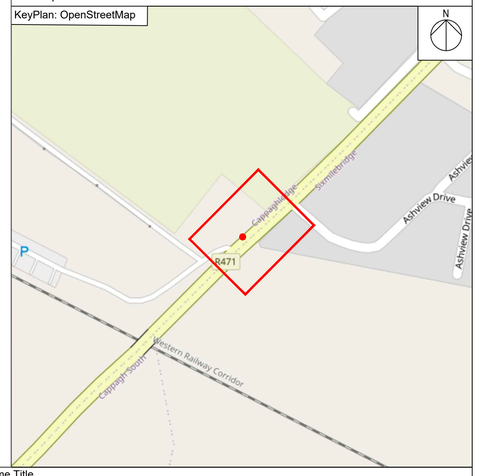
4. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
5. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
6. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
7. INDICATIVE LAYOUT AND ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.

KEY:

PROPOSED RED LINE BOUNDARY

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	26/09/2025	UV	MW	EH	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: SIXMILEBRIDGE STATION, NORTHBOUND RED LINE BOUNDARY

Date	Scale	Drawn	Checked	Approved
26/09/2025	1:100 @ A1 1:200 @ A3	UV	MW	EH

Phase	Route	Stop Number
1	-	-

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0029_004-17-DR-CR-0002	1 of 1	S0	P01

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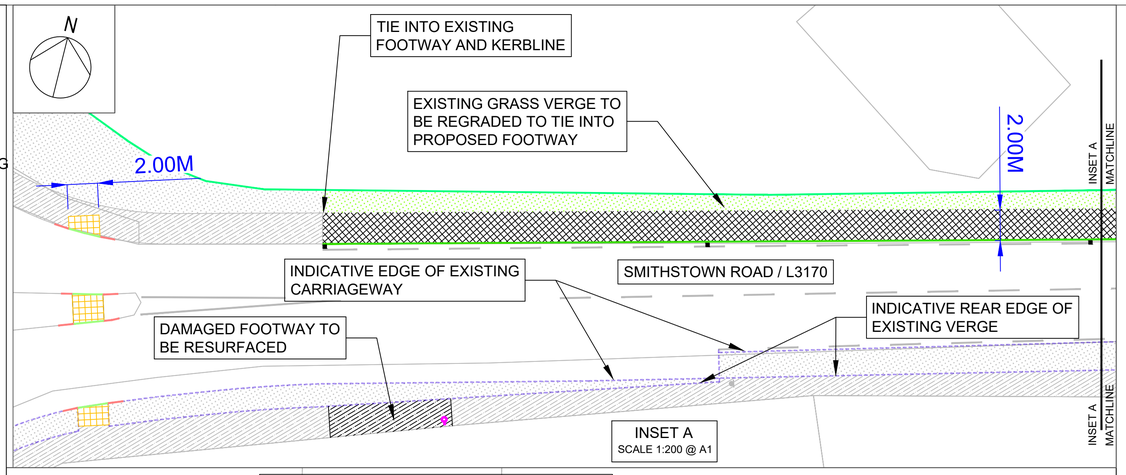
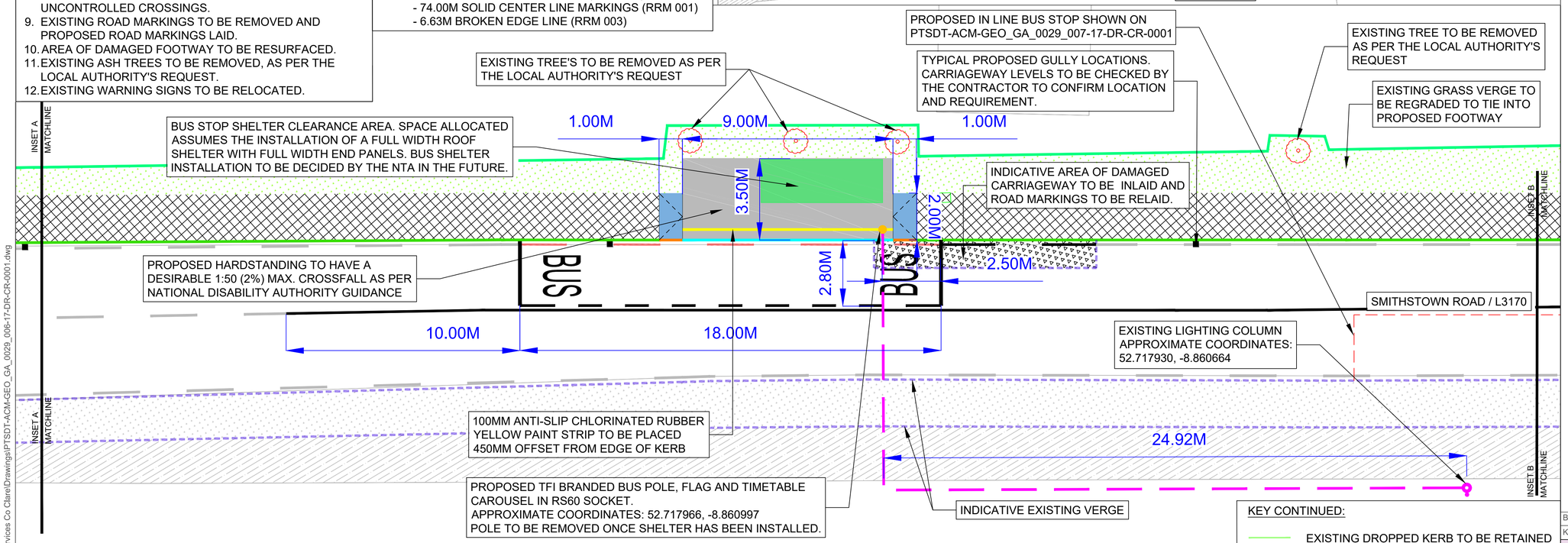
THE FOLLOWING WORKS ARE TO BE UNDERTAKEN IN THE IMPLEMENTATION OF THIS BUS STOP:

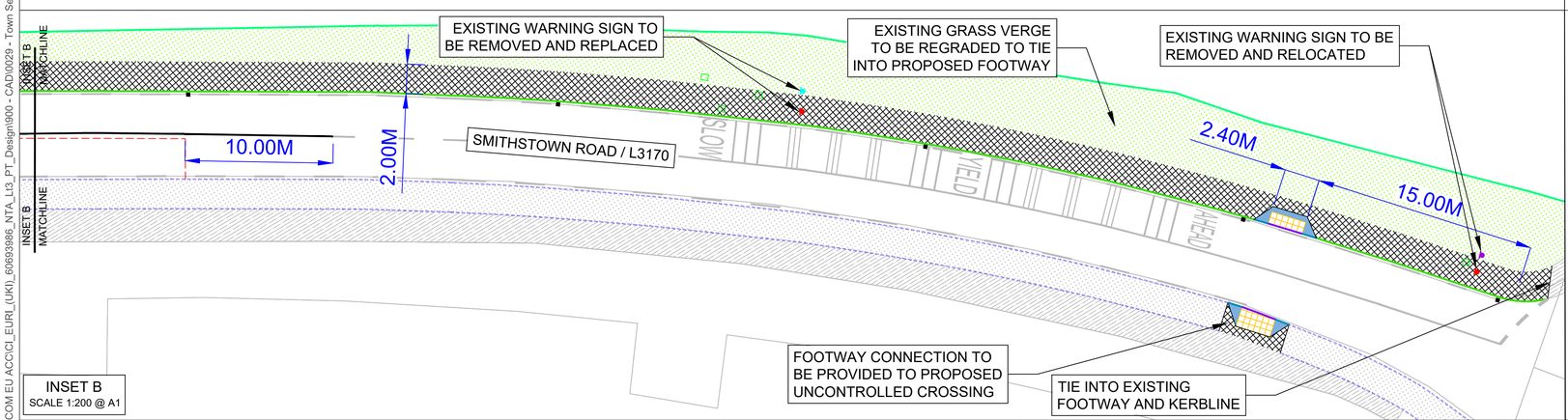
1. ACCESSIBLE KERB TO BE INSTALLED WITH TRANSITIONS.
2. NEW RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED. POLE HAS BEEN PLACED AT THE FRONT OF THE FOOTWAY WITH THE FLAG FACING AWAY FROM THE CARRIAGEWAY.
3. APPROXIMATELY 31.50M² OF HARD STANDING TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAXIMUM CROSSFALL, AS PER NATIONAL DISABILITY AUTHORITY GUIDANCE. RAMP TRANSITIONS TO BE PROVIDED TO CONNECT TO FOOTWAY ON EITHER END.
4. EXISTING GRASS VERGE TO BE REGRADED, AND GRASS SEEDED TO TIE INTO PROPOSED HARD STANDING AND FOOTWAY.
5. SPACE ALLOCATED FOR A FULL WIDTH ROOF SHELTER WITH FULL WIDTH END PANELS.
6. PROPOSED FOOTWAY CONNECTIONS TO BE PROVIDED TO NEARBY ROUNDABOUTS. NEW ROAD DRAINAGE WILL BE REQUIRED.
7. AREA OF DAMAGED CARRIAGEWAY TO BE INLAID.
8. BUFF BLISTER TACTILES TO BE PROVIDED AT BOTH THE PROPOSED AND EXISTING UNCONTROLLED CROSSINGS. RAMPS TO BE PROVIDED FOR THE PROPOSED UNCONTROLLED CROSSINGS.
9. EXISTING ROAD MARKINGS TO BE REMOVED AND PROPOSED ROAD MARKINGS LAID.
10. AREA OF DAMAGED FOOTWAY TO BE RESURFACED.
11. EXISTING ASH TREES TO BE REMOVED, AS PER THE LOCAL AUTHORITY'S REQUEST.
12. EXISTING WARNING SIGNS TO BE RELOCATED.

SCHEDULE OF WORKS:

1. 160MM ACCESSIBLE KERB - 9.00M
2. 125MM IN SITU KERB - 203.22M
3. ACCESSIBLE KERB TRANSITION - 2.00M
4. DROPPED KERB - 4.80M
5. DROPPER KERB (TRANSITION) - 4.00M
6. HARD STANDING AREA - 31.50M²
7. GRADIENT RAMPS (1:20) TO ACCESS HARD STANDING - 4.00M²
8. 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP - 9.00M
9. RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL
10. BLISTER TACTILE PAVING BUFF - 13.57M²
11. PROPOSED FOOTWAY - 429.08M²
12. 4 NO. MATURE TREES TO BE REMOVED
13. PROPOSED FOOTWAY RESURFACING - APPROXIMATELY 15.30M²
14. EXISTING WARNING SIGN TO BE RELOCATED.
15. EXISTING ROAD MARKINGS TO BE REMOVED:
    - 57.50M BROKEN CENTER LINE (RRM 002)
    - 18.00M EDGE MARKING (RRM 025)
16. PROPOSED ROAD MARKINGS:
    - 18.00M BUS LAY-BY MARKING (RRM 030)
    - 74.00M SOLID CENTER LINE MARKINGS (RRM 001)
    - 6.63M BROKEN EDGE LINE (RRM 003)







NOTES:

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5. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
6. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
7. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
8. INDICATIVE ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.
9. CONTRACTOR TO ENSURE THERE IS NO IMPACT TO ADJACENT VEGETATION DURING CONSTRUCTION. IT IS ADVISED THAT MAINTENANCE REGIME IS PUT IN PLACE BY LOCAL AUTHORITY TO ENSURE THERE ARE NO OBSTRUCTIONS TO FOOTWAY OR TO VISIBILITY.

KEY:

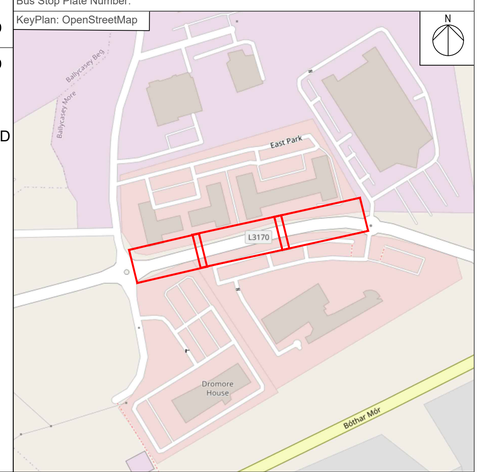
- PROPOSED INSITU KERB
- PROPOSED ACCESSIBLE KERB 160MM
- PROPOSED ACCESSIBLE KERB TRANSITION
- PROPOSED BUS STOP POLE
- PROPOSED HARD STANDING
- PROPOSED GRADIENT RAMP (1:20)
- PROPOSED FOOTWAY
- PROPOSED FOOTWAY RESURFACING.
- PROPOSED BUS SHELTER
- PROPOSED ROAD MARKINGS
- PROPOSED GULLY
- PROPOSED NEW SIGN
- PROPOSED GRASS VERGE
- PROPOSED BLISTER TACTILE PAVING BUFF
- EXISTING GRASS VERGE
- EXISTING FOOTWAY
- EXISTING CARRIAGEWAY TO BE INLAID

KEY CONTINUED:

- EXISTING DROPPED KERB TO BE RETAINED
- EXISTING DROPPER KERB TO BE RETAINED
- EXISTING ROAD MARKINGS
- EXISTING ROAD MARKINGS TO BE REMOVED
- EXISTING TREE
- EXISTING LIGHTING COLUMN
- EXISTING SIGN TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- EXISTING WALL TO BE RETAINED
- EXISTING SERVICE COVER
- INDICATIVE INFORMATION LINE
- BUS CAGE FROM SEPARATE PROPOSAL
- SETTING OUT REFERENCE POINT

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



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Rev	Date	Drn	Chk'd	App'd	Description
P01	31/07/2024	AR	PS	AH	CONCEPT DESIGN FOR NTA REVIEW
P02	11/09/2024	PKS	PS	AH	ISSUE FOR PRELIMINARY DESIGN
P03	14/11/2024	TM	PS	AH	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: LUFTHANSA TECHNIK EASTBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
14/11/2024	1:100 @ A1 1:200 @ A3	TM	PS	AH

Phase	Route	Stop Number
-	-	-

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0029_006-17-DR-CR-0001	1 of 1	S0	P03

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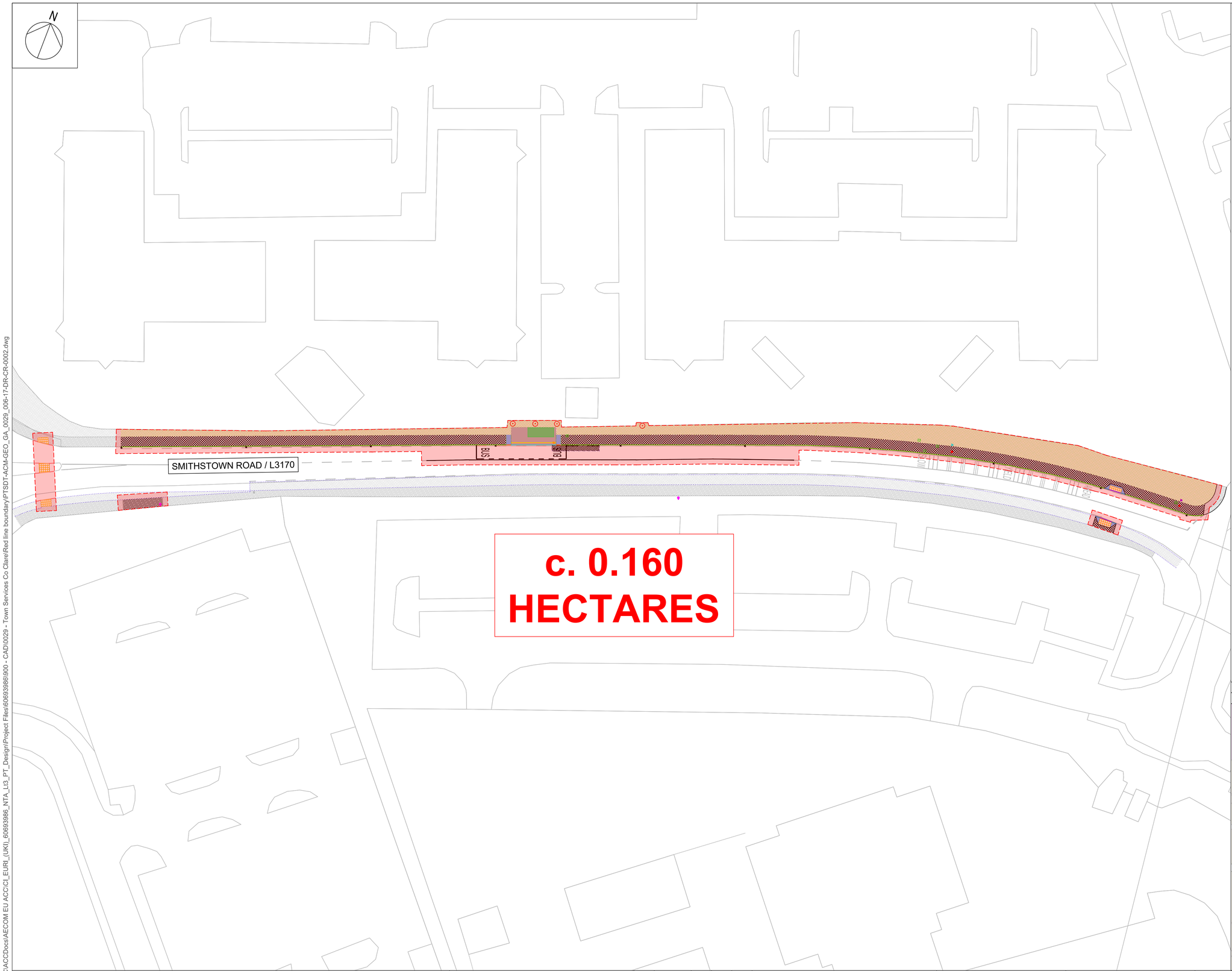

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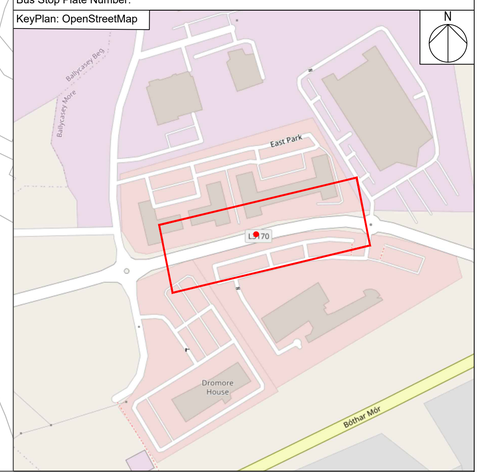
KEY:

PROPOSED RED LINE BOUNDARY

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



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Rev	Date	Drn	Chk'd	App'd	Description
P01	26/09/2025	UV	MW	EH	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: LUFTHANSA TECHNIK, EASTBOUND RED LINE BOUNDARY

Date	Scale	Drawn	Checked	Approved
26/09/2025	N.T.S @ A1 N.T.S @ A3	UV	MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
-	-	-	PTSDT-ACM-GEO_GA_0029_006-17-DR-CR-0002	1 of 1	S0	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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

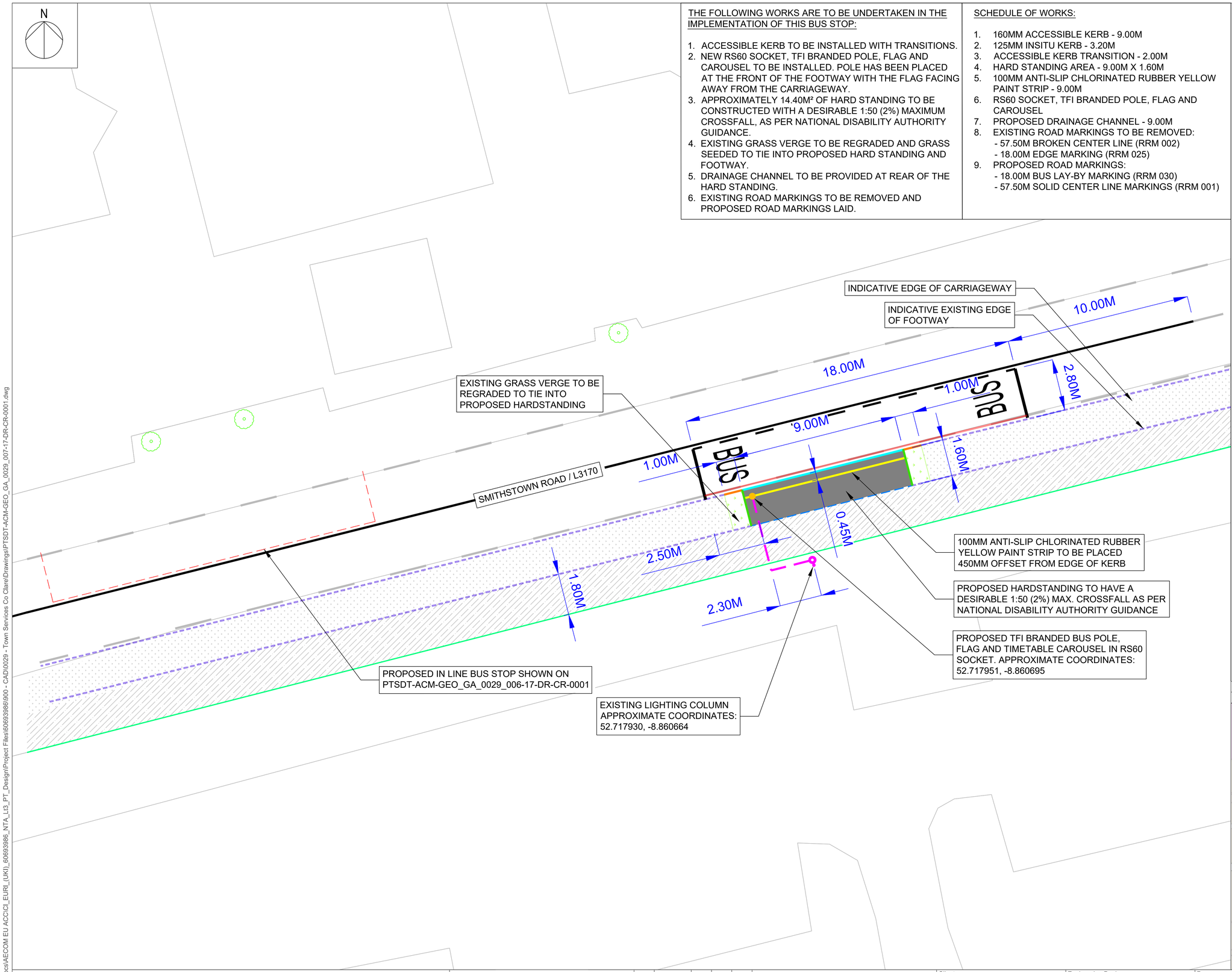
1. ACCESSIBLE KERB TO BE INSTALLED WITH TRANSITIONS.
2. NEW RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED. POLE HAS BEEN PLACED AT THE FRONT OF THE FOOTWAY WITH THE FLAG FACING AWAY FROM THE CARRIAGEWAY.
3. APPROXIMATELY 14.40M² OF HARD STANDING TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAXIMUM CROSSFALL, AS PER NATIONAL DISABILITY AUTHORITY GUIDANCE.
4. EXISTING GRASS VERGE TO BE REGRADED AND GRASS SEEDED TO TIE INTO PROPOSED HARD STANDING AND FOOTWAY.
5. DRAINAGE CHANNEL TO BE PROVIDED AT REAR OF THE HARD STANDING.
6. EXISTING ROAD MARKINGS TO BE REMOVED AND PROPOSED ROAD MARKINGS LAID.

SCHEDULE OF WORKS:

1. 160MM ACCESSIBLE KERB - 9.00M
2. 125MM INSITU KERB - 3.20M
3. ACCESSIBLE KERB TRANSITION - 2.00M
4. HARD STANDING AREA - 9.00M X 1.60M
5. 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP - 9.00M
6. RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL
7. PROPOSED DRAINAGE CHANNEL - 9.00M
8. EXISTING ROAD MARKINGS TO BE REMOVED:
   - 57.50M BROKEN CENTER LINE (RRM 002)
   - 18.00M EDGE MARKING (RRM 025)
9. PROPOSED ROAD MARKINGS:
   - 18.00M BUS LAY-BY MARKING (RRM 030)
   - 57.50M SOLID CENTER LINE MARKINGS (RRM 001)

NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
2. LOCATIONS ARE APPROXIMATE AND ARE TO BE AGREED ON SITE WITH THE OVERSEEING ORGANIZATION.
3. CO-ORDINATES SHOWN ON DRAWINGS REFERENCE DECIMAL DEGREES LATITUDE/LONGITUDE.
4. ALL UTILITIES SHOWN ARE INDICATIVE ONLY AND REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
5. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
6. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
7. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
8. INDICATIVE ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.

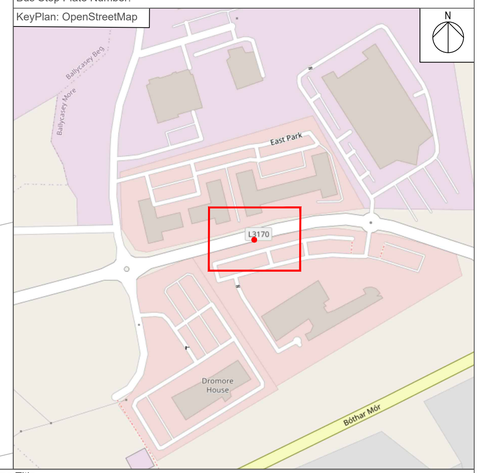


KEY:

- PROPOSED INSITU KERB
- PROPOSED ACCESSIBLE KERB 160MM
- PROPOSED ACCESSIBLE KERB TRANSITION
- PROPOSED DRAINAGE CHANNEL
- PROPOSED BUS STOP POLE
- PROPOSED HARD STANDING
- PROPOSED VERGE
- PROPOSED ROAD MARKINGS
- EXISTING GRASS VERGE
- EXISTING FOOTWAY
- EXISTING ROAD MARKINGS
- EXISTING ROAD MARKINGS TO BE REMOVED
- EXISTING WALL TO BE RETAINED
- EXISTING TREE
- EXISTING LIGHTING COLUMN
- INDICATIVE INFORMATION LINE
- SETTING OUT REFERENCE POINT
- BUS CAGE FROM SEPARATE PROPOSAL

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	15/07/2024	AR	PS	AH	CONCEPT DESIGN FOR NTA REVIEW
P02	05/09/2024	PKS	PS	AH	ISSUE FOR PRELIMINARY DESIGN
P03	30/10/2024	BD	PS	AH	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: LUFTHANSA TECHNIK WESTBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
30/10/2024	1:100 @ A1 1:200 @ A3	AR	PS	AH

Phase	Route	Stop Number
-	-	-

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0029_007-17-DR-CR-0001	1 of 1	S0	P03

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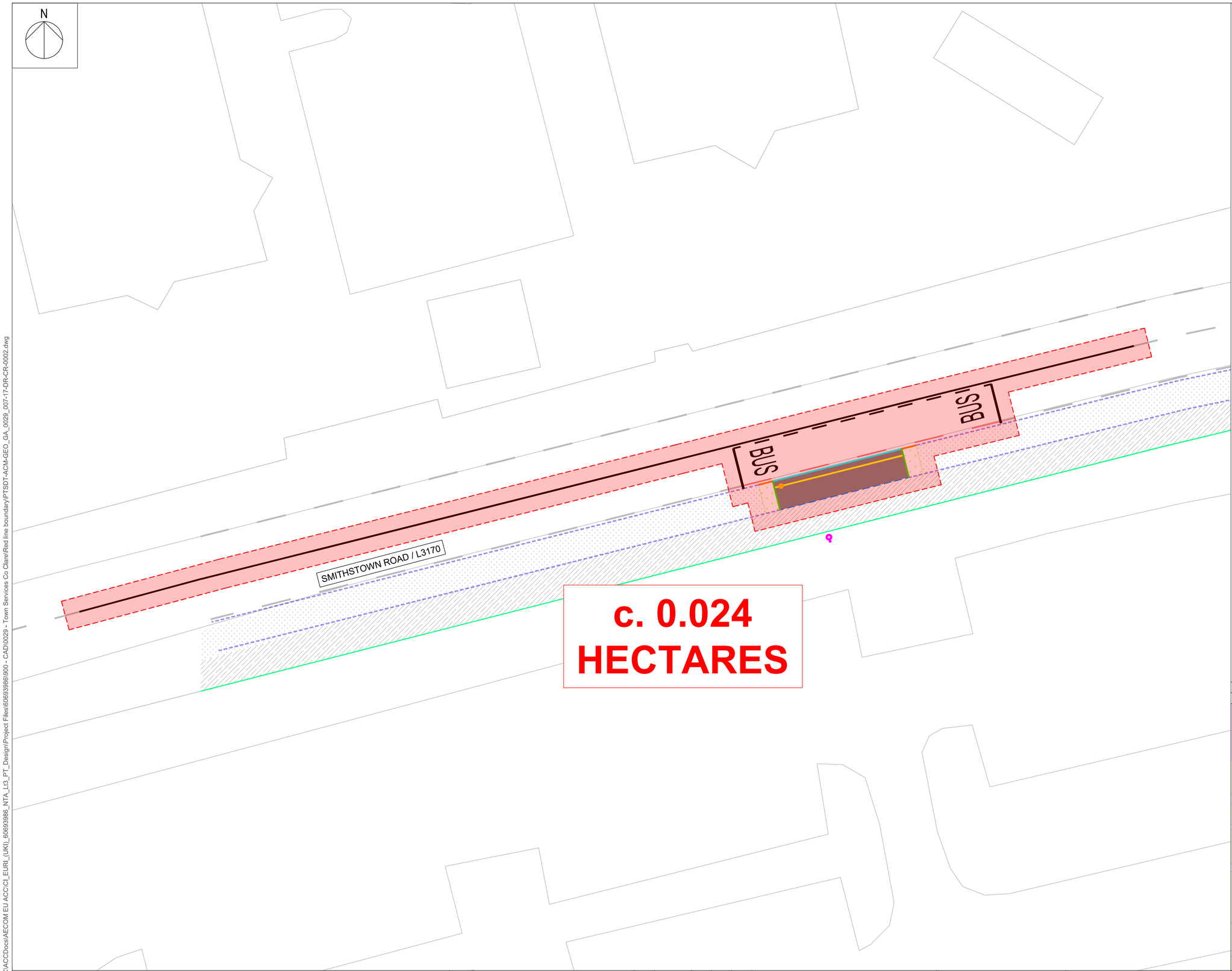

NOTES:

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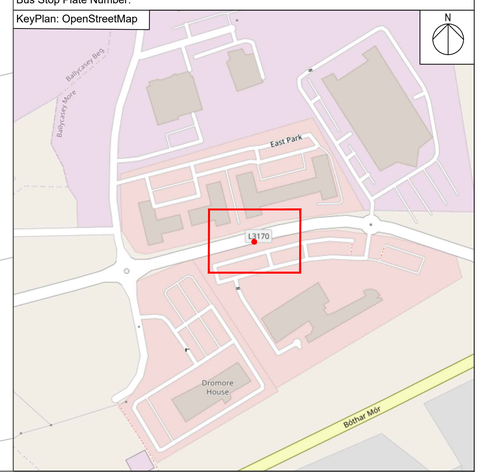
2. LOCATIONS ARE APPROXIMATE AND ARE TO BE AGREED ON SITE WITH THE OVERSEEING ORGANISATION.
3. ALL UTILITIES SHOWN ARE INDICATIVE ONLY AND REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
4. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
5. NO TOPOGRAPHIC SURVEY WAS CARRIED 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.

KEY:

PROPOSED RED LINE BOUNDARY

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	26/09/2025	UV	MW	EH	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: LUFTHANSA TECHNIK, WESTBOUND RED LINE BOUNDARY

Date	Scale	Drawn	Checked	Approved
26/09/2025	1:125 @ A1 1:250 @ A3	UV	MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
-	-	-	PTSDT-ACM-GEO_GA_0029_007-17-DR-CR-0002	1 of 1	S0	P01

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

1. NEW RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED. POLE HAS BEEN PLACED AT THE FRONT OF THE FOOTWAY WITH THE FLAG FACING AWAY FROM THE CARRIAGEWAY.
2. PROPOSED HARD STANDING TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAXIMUM CROSSFALL, AS PER NATIONAL DISABILITY AUTHORITY GUIDANCE. PROPOSED 1:20 GRADIENT RAMPS TO PROVIDE ACCESSIBLE ACCESS TO THE HARDSTANDING.
3. NEW BOUNDARY WALL, CAPABLE OF RETAINING THE PROPOSED HARDSTANDING, TO BE CONSTRUCTED.
4. SECTION OF LANDSCAPE AREA TO BE REMOVED.
5. EXISTING SIGN TO BE RELOCATED AS SHOWN.
6. EXISTING ROAD MARKINGS TO BE REMOVED AND PROPOSED MARKINGS LAID.
7. PROPOSED LIGHTHOUSE STYLE BOLLARDS TO BE INSTALLED.
8. EXISTING VERGE TO BE INLAID.

SCHEDULE OF WORKS:

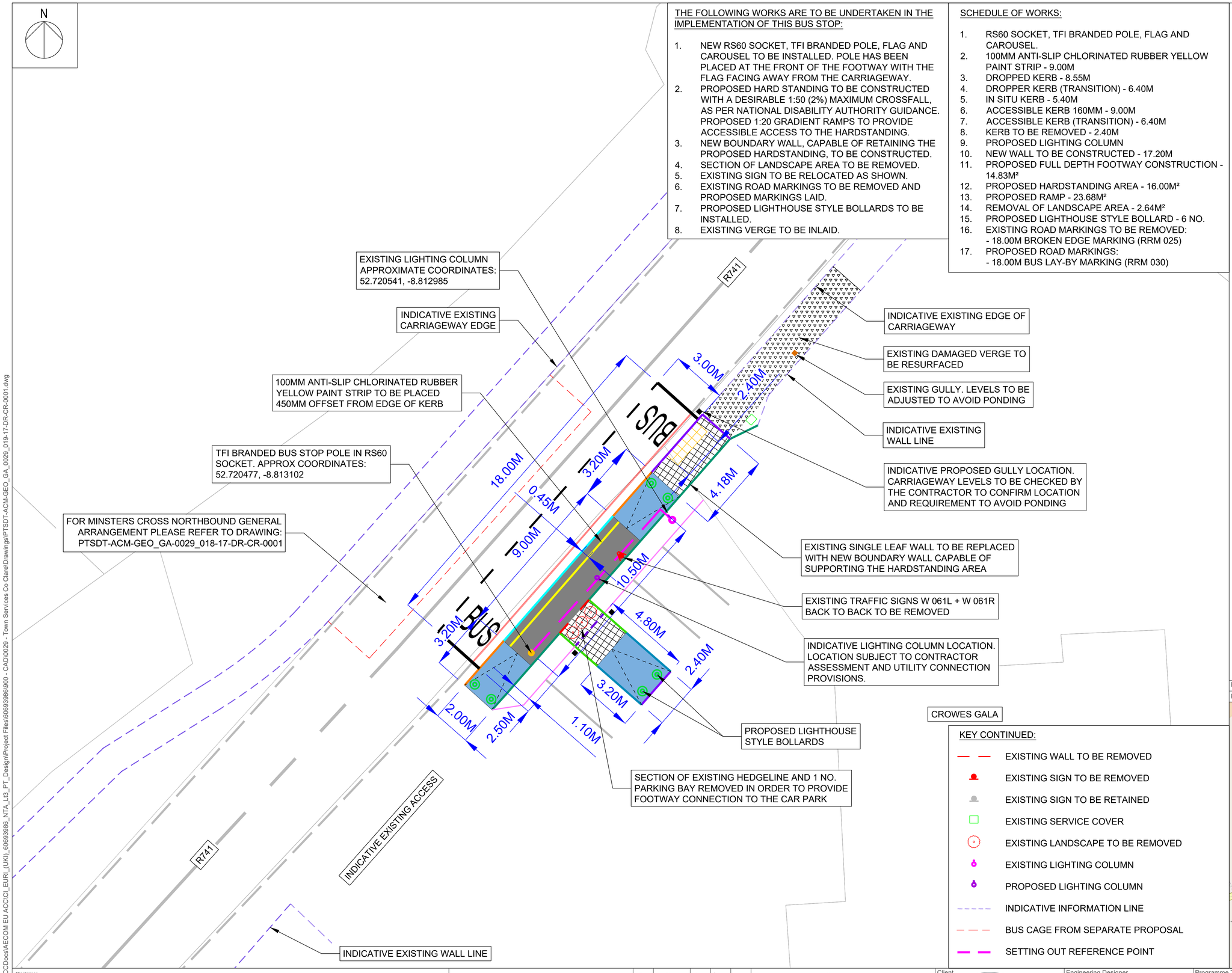
1. RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL.
2. 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP - 9.00M
3. DROPPED KERB - 8.55M
4. DROPPER KERB (TRANSITION) - 6.40M
5. IN SITU KERB - 5.40M
6. ACCESSIBLE KERB 160MM - 9.00M
7. ACCESSIBLE KERB (TRANSITION) - 6.40M
8. KERB TO BE REMOVED - 2.40M
9. PROPOSED LIGHTING COLUMN
10. NEW WALL TO BE CONSTRUCTED - 17.20M
11. PROPOSED FULL DEPTH FOOTWAY CONSTRUCTION - 14.83M²
12. PROPOSED HARDSTANDING AREA - 16.00M²
13. PROPOSED RAMP - 23.68M²
14. REMOVAL OF LANDSCAPE AREA - 2.64M²
15. PROPOSED LIGHTHOUSE STYLE BOLLARD - 6 NO.
16. EXISTING ROAD MARKINGS TO BE REMOVED:
    - 18.00M BROKEN EDGE MARKING (RRM 025)
17. PROPOSED ROAD MARKINGS:
    - 18.00M BUS LAY-BY MARKING (RRM 030)

NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
2. LOCATIONS ARE APPROXIMATE AND ARE TO BE AGREED ON SITE WITH THE OVERSEEING ORGANIZATION.
3. CO-ORDINATES SHOWN ON DRAWINGS REFERENCE DECIMAL DEGREES LATITUDE/LONGITUDE.
4. ALL UTILITIES SHOWN ARE INDICATIVE ONLY AND REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
5. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
6. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
7. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
8. INDICATIVE ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.

KEY:

- PROPOSED BUS STOP POLE
- PROPOSED INSITU KERB
- PROPOSED ACCESSIBLE KERB 160MM
- PROPOSED ACCESSIBLE KERB TRANSITION
- PROPOSED DROPPED KERB
- PROPOSED TRANSITION KERB
- PROPOSED WALL
- PROPOSED ROAD MARKINGS
- PROPOSED HARD STANDING AREA
- PROPOSED GRADIENT RAMP (1:20)
- PROPOSED FOOTWAY
- PROPOSED GULLY
- PROPOSED BOLLARDS
- PROPOSED BLISTER TACTILE PAVING BUFF
- EXISTING CARRIAGEWAY TO BE INLAYED
- EXISTING GULLY
- EXISTING ROAD MARKINGS
- EXISTING ROAD MARKINGS TO BE REMOVED
- EXISTING KERB TO BE RETAINED
- EXISTING KERB TO BE REMOVED

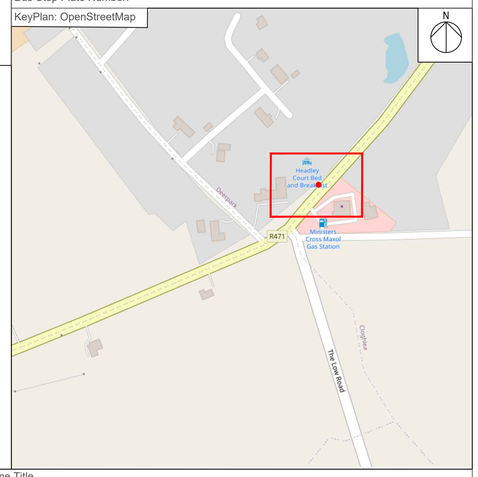


KEY CONTINUED:

- EXISTING WALL TO BE REMOVED
- EXISTING SIGN TO BE REMOVED
- EXISTING SIGN TO BE RETAINED
- EXISTING SERVICE COVER
- EXISTING LANDSCAPE TO BE REMOVED
- EXISTING LIGHTING COLUMN
- PROPOSED LIGHTING COLUMN
- INDICATIVE INFORMATION LINE
- BUS CAGE FROM SEPARATE PROPOSAL
- SETTING OUT REFERENCE POINT

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	17/09/2024	TM	PS	AH	CONCEPT DESIGN FOR NTA REVIEW
P02	05/12/2024	PKS	PS	AH	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: MINISTERS CROSS SOUTHBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
05/12/2024	1:100 @ A1 1:200 @ A3	PKS	PS	AH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
-	-	336541	PTSDT-ACM-GEO_GA_0029_019-17-DR-CR-0001	1 of 1	S0	P02

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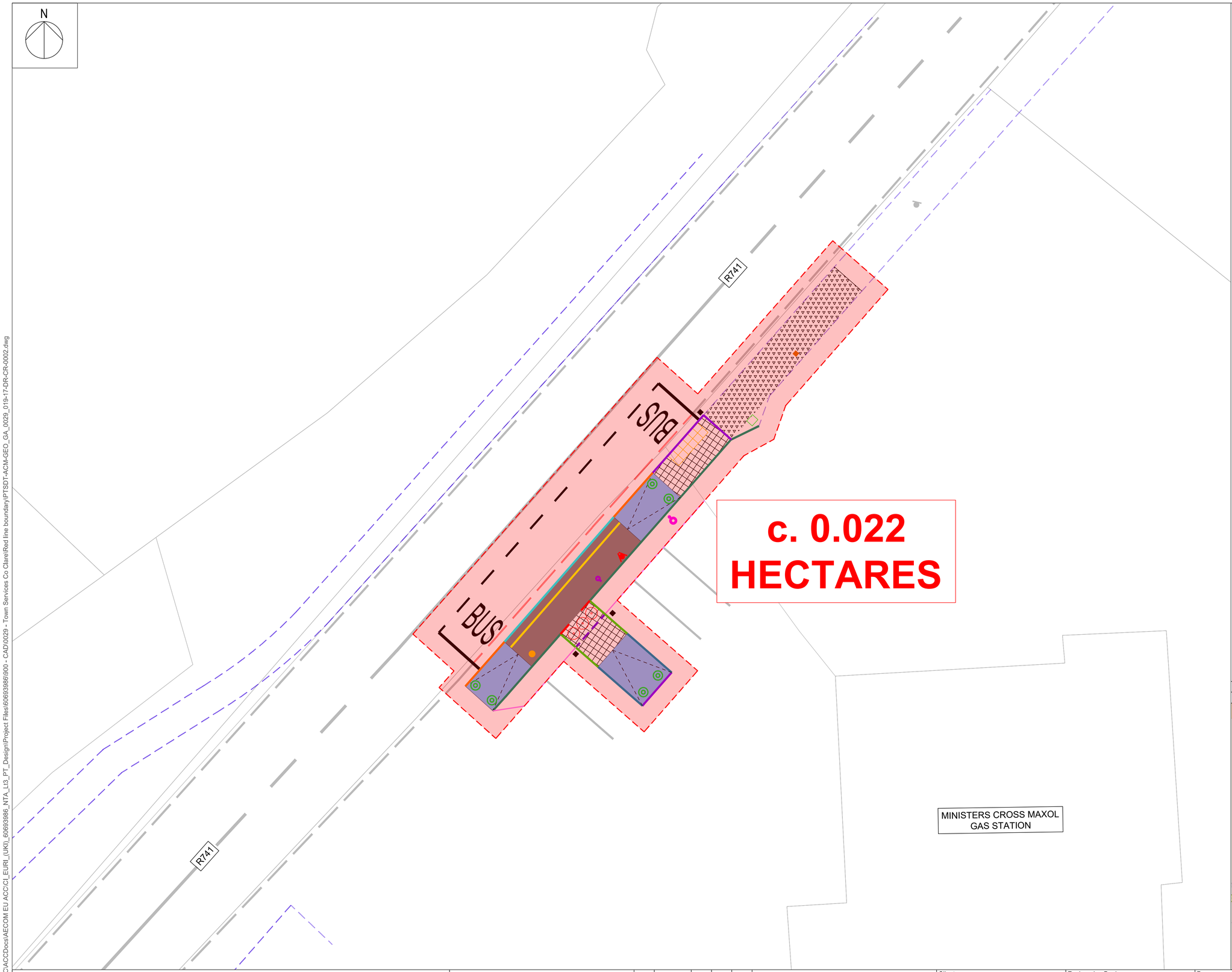

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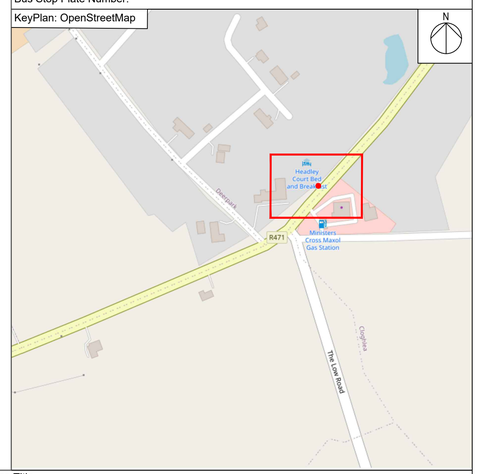
5. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
6. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
7. INDICATIVE LAYOUT AND ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.

KEY:

PROPOSED RED LINE BOUNDARY

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	26/09/2025	UV	MW	EH	ISSUE FOR PRELIMINARY DESIGN

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: AECOM

Date	Scale	Drawn	Checked	Approved
26/09/2025	1:100 @ A1 1:200 @ A3	UV	MW	EH

Phase	Route	Stop Number
-	-	336541

Programme Title: PUBLIC TRANSPORT STOP DESIGN TEAM SERVICES

Drawing Title: MINISTERS CROSS, SOUTHBOUND RED LINE BOUNDARY

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0029_019-17-DR-CR-0002	1 of 1	S0	P01

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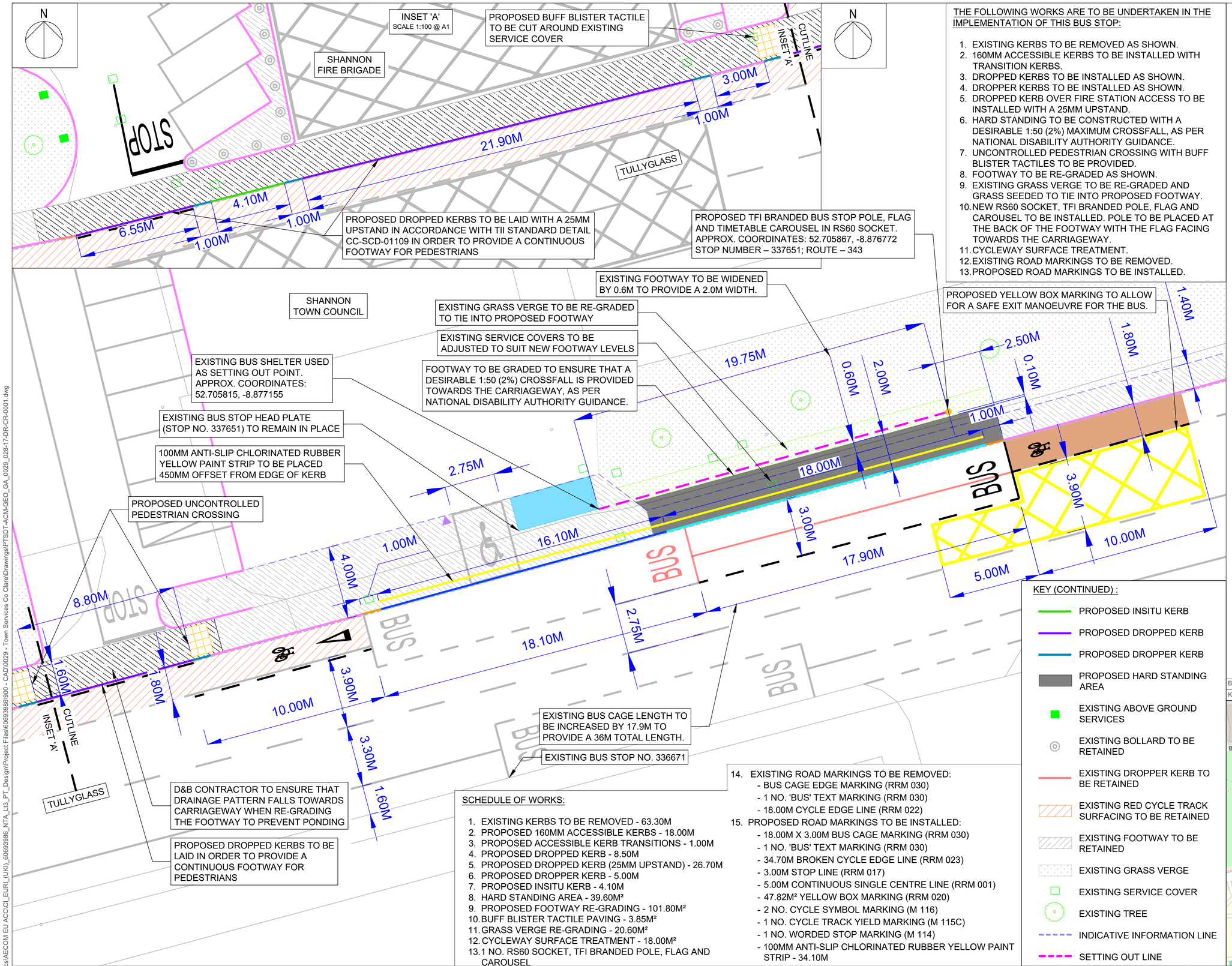

THE FOLLOWING WORKS ARE TO BE UNDERTAKEN IN THE IMPLEMENTATION OF THIS BUS STOP:

1. EXISTING KERBS TO BE REMOVED AS SHOWN.
2. 160MM ACCESSIBLE KERBS TO BE INSTALLED WITH TRANSITION KERBS.
3. DROPPED KERBS TO BE INSTALLED AS SHOWN.
4. DROPPER KERBS TO BE INSTALLED AS SHOWN.
5. DROPPED KERB OVER FIRE STATION ACCESS TO BE INSTALLED WITH A 25MM UPSTAND.
6. HARD STANDING TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAXIMUM CROSSFALL, AS PER NATIONAL DISABILITY AUTHORITY GUIDANCE.
7. UNCONTROLLED PEDESTRIAN CROSSING WITH BUFF BLISTER TACTILES TO BE PROVIDED.
8. FOOTWAY TO BE RE-GRADED AS SHOWN.
9. EXISTING GRASS VERGE TO BE RE-GRADED AND GRASS SEEDED TO TIE INTO PROPOSED FOOTWAY.
10. NEW RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED. POLE TO BE PLACED AT THE BACK OF THE FOOTWAY WITH THE FLAG FACING TOWARDS THE CARRIAGEWAY.
11. CYCLEWAY SURFACE TREATMENT.
12. EXISTING ROAD MARKINGS TO BE REMOVED.
13. PROPOSED ROAD MARKINGS TO BE INSTALLED.

NOTES:

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6. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
7. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
8. INDICATIVE ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.
9. ANY VEGETATION OVERHANGING FOOTWAY OR CYCLE TRACK TO BE APPROPRIATELY MAINTAINED BY THE LOCAL AUTHORITY TO PREVENT OBSTRUCTIONS.

KEY:

- PROPOSED BUS STOP POLE
- PROPOSED 160MM ACCESSIBLE KERB
- PROPOSED ACCESSIBLE KERB TRANSITION
- PROPOSED ROAD MARKINGS
- PROPOSED RED CYCLE TRACK SURFACING
- PROPOSED FOOTWAY RE-GRADING
- PROPOSED GRASS VERGE RE-GRADING
- EXISTING GRASS VERGE
- PROPOSED BUFF BLISTER TACTILE PAVING
- EXISTING BUS SHELTER TO BE RETAINED
- EXISTING BIN
- EXISTING 160MM ACCESSIBLE KERB TO BE RETAINED
- EXISTING ACCESSIBLE KERB TRANSITION TO BE RETAINED
- EXISTING ROAD MARKINGS
- EXISTING ROAD MARKINGS TO BE REMOVED
- EXISTING KERB TO BE RETAINED
- EXISTING DRAINAGE CHANNEL

KEY (CONTINUED) :

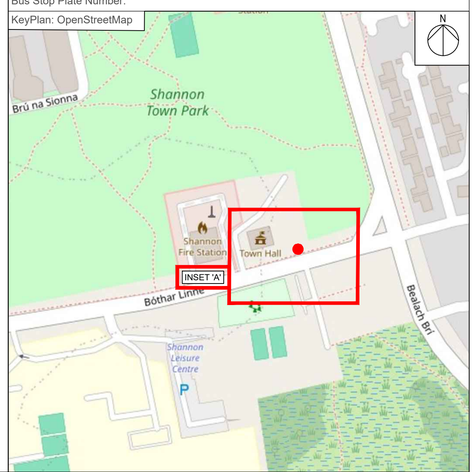
- PROPOSED INSITU KERB
- PROPOSED DROPPED KERB
- PROPOSED DROPPER KERB
- PROPOSED HARD STANDING AREA
- EXISTING ABOVE GROUND SERVICES
- EXISTING BOLLARD TO BE RETAINED
- EXISTING DROPPER KERB TO BE RETAINED
- EXISTING RED CYCLE TRACK SURFACING TO BE RETAINED
- EXISTING FOOTWAY TO BE RETAINED
- EXISTING GRASS VERGE
- EXISTING SERVICE COVER
- EXISTING TREE
- INDICATIVE INFORMATION LINE
- SETTING OUT LINE

SCHEDULE OF WORKS:

1. EXISTING KERBS TO BE REMOVED - 63.30M
2. PROPOSED 160MM ACCESSIBLE KERBS - 18.00M
3. PROPOSED ACCESSIBLE KERB TRANSITIONS - 1.00M
4. PROPOSED DROPPED KERB - 8.50M
5. PROPOSED DROPPED KERB (25MM UPSTAND) - 26.70M
6. PROPOSED DROPPER KERB - 5.00M
7. PROPOSED INSITU KERB - 4.10M
8. HARD STANDING AREA - 39.60M²
9. PROPOSED FOOTWAY RE-GRADING - 101.80M²
10. BUFF BLISTER TACTILE PAVING - 3.85M²
11. GRASS VERGE RE-GRADING - 20.60M²
12. CYCLEWAY SURFACE TREATMENT - 18.00M²
13. 1 NO. RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL
14. EXISTING ROAD MARKINGS TO BE REMOVED:
    - BUS CAGE EDGE MARKING (RRM 030)
    - 1 NO. 'BUS' TEXT MARKING (RRM 030)
    - 18.00M CYCLE EDGE LINE (RRM 022)
15. PROPOSED ROAD MARKINGS TO BE INSTALLED:
    - 18.00M X 3.00M BUS CAGE MARKING (RRM 030)
    - 1 NO. 'BUS' TEXT MARKING (RRM 030)
    - 34.70M BROKEN CYCLE EDGE LINE (RRM 023)
    - 3.00M STOP LINE (RRM 017)
    - 5.00M CONTINUOUS SINGLE CENTRE LINE (RRM 001)
    - 47.82M² YELLOW BOX MARKING (RRM 020)
    - 2 NO. CYCLE SYMBOL MARKING (M 116)
    - 1 NO. CYCLE TRACK YIELD MARKING (M 115C)
    - 1 NO. WORDED STOP MARKING (M 114)
    - 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP - 34.10M

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	12/05/2025	BD	MW/LB	TJ	CONCEPT DESIGN FOR NTA REVIEW
P02	24/07/2025	RK	CM/MW	EH	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: SHANNON TOWN HALL, EASTBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
24/07/2025	1:100 @ A1 1:200 @ A3	RK	CM/MW	EH

Phase	Route	Stop Number
1	343	337651

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0029_028-17-DR-CR-0001	1 of 1	S0	P02

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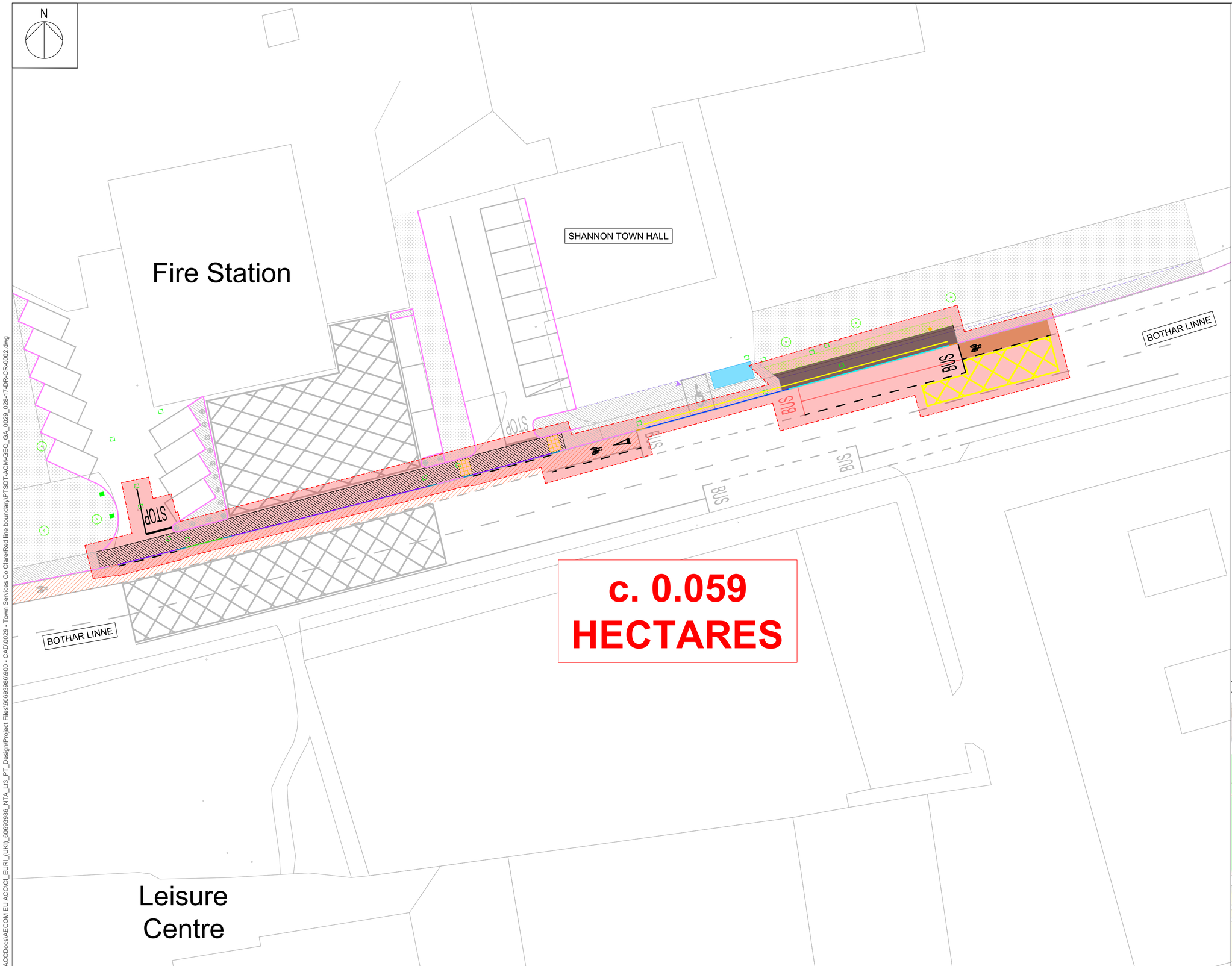

c. 0.059 HECTARES

NOTES:

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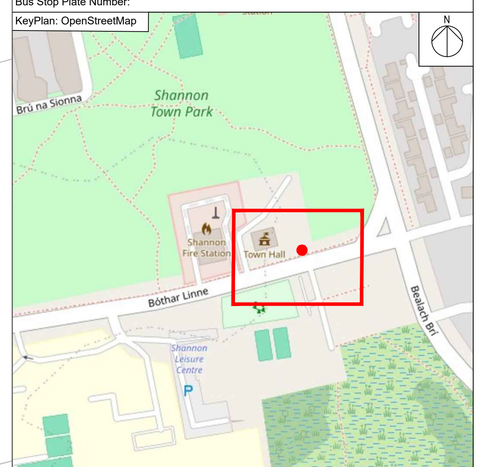
2. LOCATIONS ARE APPROXIMATE AND ARE TO BE AGREED ON SITE WITH THE OVERSEEING ORGANISATION.
3. ALL UTILITIES SHOWN ARE INDICATIVE ONLY AND REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
4. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
5. NO TOPOGRAPHIC SURVEY WAS CARRIED 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.

KEY:

PROPOSED RED LINE BOUNDARY

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	26/09/2025	UV	MW	EH	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: SHANNON TOWN HALL, EASTBOUND RED LINE BOUNDARY

Date	Scale	Drawn	Checked	Approved
26/09/2025	1:200 @ A1 1:400 @ A3	UV	MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
-	343	337651	PTSDT-ACM-GEO_GA_0029_028-17-DR-CR-0002	1 of 1	S0	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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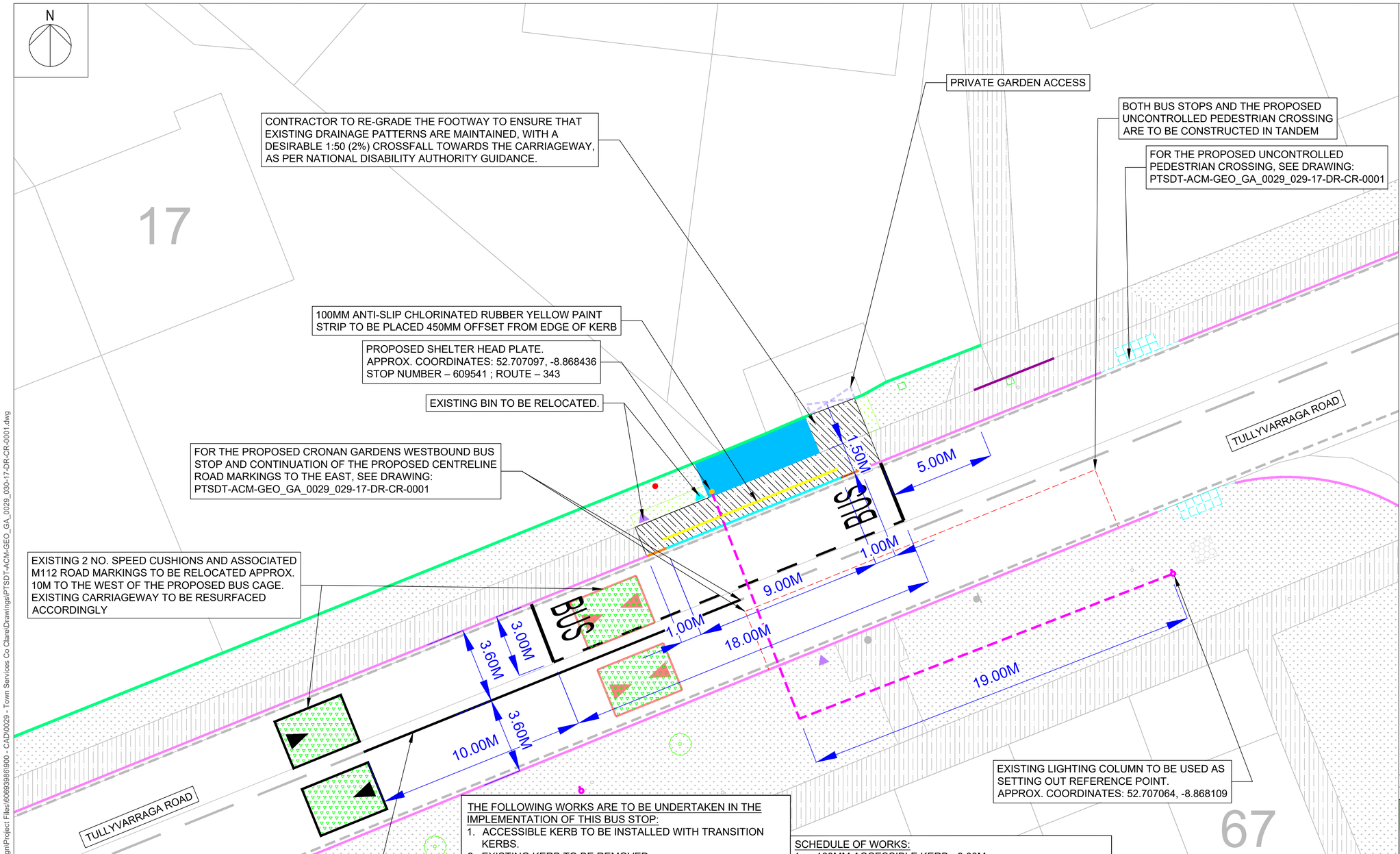


NOTES:

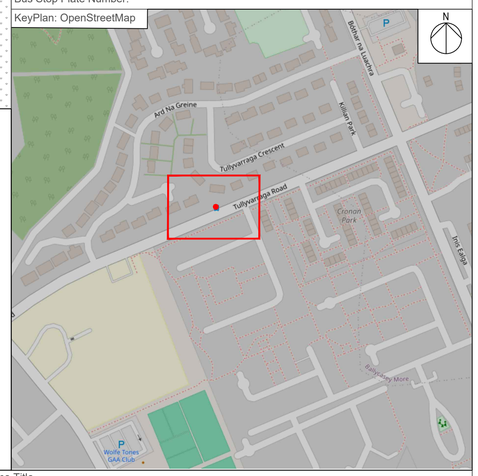
1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
2. LOCATIONS ARE APPROXIMATE AND ARE TO BE AGREED ON SITE WITH THE OVERSEEING ORGANISATION.
3. CO-ORDINATES SHOWN ON DRAWINGS REFERENCE DECIMAL DEGREES LATITUDE/LONGITUDE .
4. ALL UTILITIES SHOWN ARE INDICATIVE ONLY AND REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
5. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
6. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
7. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
8. INDICATIVE ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.
9. ANY VEGETATION OVERHANGING FOOTWAY OR CYCLE TRACK TO BE APPROPRIATELY MAINTAINED BY THE LOCAL AUTHORITY TO PREVENT OBSTRUCTIONS.

KEY:

- PROPOSED ROAD MARKINGS
- EXISTING ROAD MARKINGS
- PROPOSED SHELTER HEAD PLATE
- PROPOSED FOOTWAY RE-GRADING
- PROPOSED 160MM ACCESSIBLE KERB
- PROPOSED ACCESSIBLE TRANSITION KERB
- PROPOSED CARRIAGEWAY (RE-SURFACING)
- PROPOSED GRASS VERGE RE-GRADING
- PROPOSED BIN
- EXISTING BUS SHELTER
- EXISTING KERB TO BE RETAINED
- EXISTING FOOTWAY
- EXISTING GRASS VERGE
- EXISTING PLANTER
- EXISTING LIGHTING COLUMN
- EXISTING BUS POLE TO BE REMOVED
- EXISTING BIN TO BE RELOCATED
- EXISTING SERVICE COVER
- EXISTING ROAD MARKINGS TO BE REMOVED

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



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

1. ACCESSIBLE KERB TO BE INSTALLED WITH TRANSITION KERBS.
2. EXISTING KERB TO BE REMOVED.
3. EXISTING SPEED CUSHIONS, AND ASSOCIATED ROAD MARKINGS TO BE REMOVED AND CARRIAGEWAY TO BE RESURFACED. NEW SPEED CUSHIONS AND CORRESPONDING ROAD MARKINGS TO BE INSTALLED OUTSIDE THE BUS CAGE AREA.
4. SHELTER HEAD PLATE TO BE ATTACHED TO THE EXISTING SHELTER.
5. FOOTWAY RE-GRADING TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAXIMUM CROSSFALL, AS PER NATIONAL DISABILITY AUTHORITY GUIDANCE.
6. PROPOSED GRASS VERGE TO BE RE-GRADED AND GRASS SEEDED TO TIE INTO PROPOSED FOOTWAY RE-GRADING AND EXISTING GRASS VERGE.
7. PROPOSED ROAD MARKINGS TO BE INSTALLED.
8. 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP TO BE PLACED 450MM OFFSET FROM EDGE OF KERB.
9. EXISTING ROAD MARKINGS TO BE REMOVED.
10. EXISTING BUS POLE TO BE REMOVED AND HOLE INFILLED.
11. EXISTING BIN TO BE RELOCATED.

SCHEDULE OF WORKS:

1. 160MM ACCESSIBLE KERB - 9.00M.
2. ACCESSIBLE KERB TRANSITION - 2.00M.
3. EXISTING KERB TO BE REMOVED - 11.00M.
4. 1 NO. PROPOSED BUS SHELTER HEAD PLATE.
5. PROPOSED FOOTWAY RE-GRADING - 22.50M².
6. GRASS VERGE RE-GRADING - 3.30M².
7. PROPOSED CARRIAGEWAY RESURFACING FOR THE REMOVAL OF SPEED CUSHIONS - 16.30M².
8. PROPOSED CARRIAGEWAY RESURFACING FOR THE PROVISION OF SPEED CUSHIONS - 16.30M².
9. PROPOSED ROAD MARKINGS TO BE INSTALLED:
   - 18.00M X 3.00M BUS CAGE MARKING (RRM 030)
   - 19.00M CENTERLINE ROAD MARKING (RRM 001)
   - 2 NO. TRAFFIC CALMING TRIANGLE MARKING (M112)
   - 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP - 9.00M.
10. 1 NO. EXISTING BUS POLE TO BE REMOVED.
11. EXISTING ROAD MARKINGS TO BE REMOVED:
    - 4 NO. TRAFFIC CALMING TRIANGLE MARKING (M112)
12. 1 NO. EXISTING BIN TO BE RELOCATED.

KEY (CONTINUED):

- EXISTING BARRIER TO BE RETAINED
- EXISTING DRAINAGE CHANNEL
- EXISTING TREE TO BE RETAINED
- EXISTING BUS STOP POLE TO BE RETAINED
- EXISTING SIGNAGE TO BE RETAINED
- EXISTING WALL TO BE RETAINED
- EXISTING ROAD MARKINGS TO BE REMOVED
- INDICATIVE INFORMATION LINE
- SETTING OUT LINE

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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
P01	21/05/2025	UV	MW/LB	TJ	CONCEPT DESIGN FOR NTA COMMENT
P02	24/07/2025	LP	CM/MW	EH	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: CRONAN GARDENS, EASTBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
24/07/2025	1:100 @ A1 1:200 @ A3	LP	CM/MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	609541	PTSDT-ACM-GEO_GA_0029_030-17-DR-CR-0001	1 of 1	S0	P02

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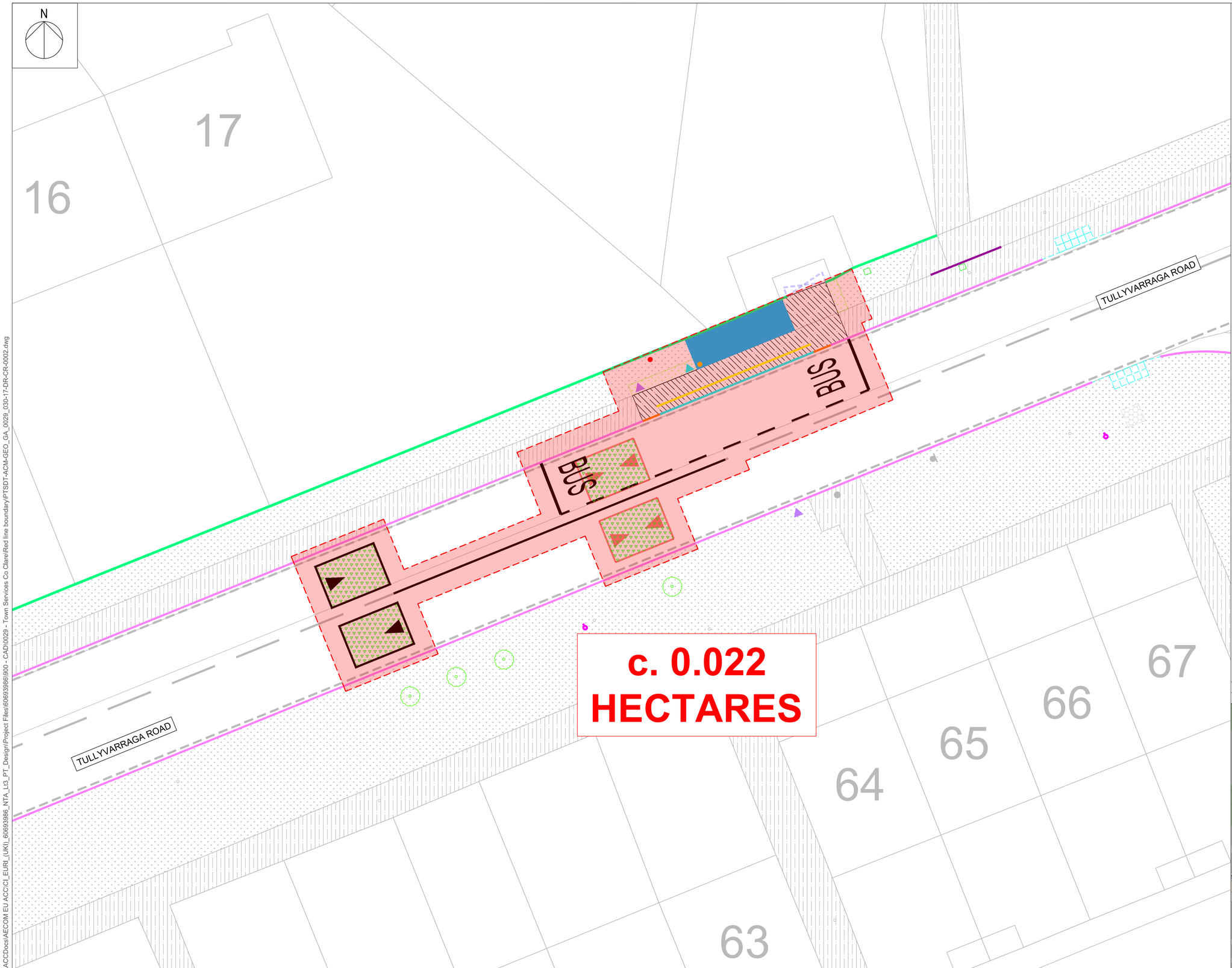

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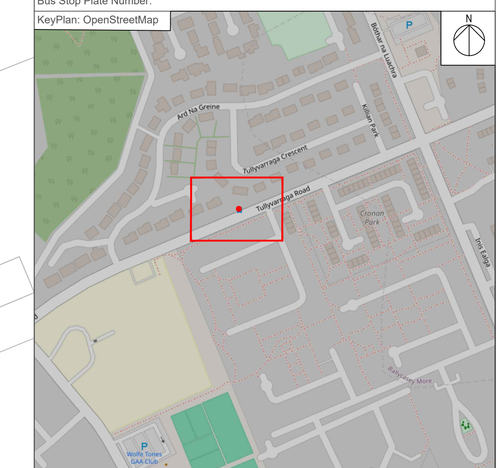
KEY:

PROPOSED RED LINE BOUNDARY

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



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Rev	Date	Drn	Chk'd	App'd	Description
P01	26/09/2025	UV	MW	EH	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: CRONAN GARDENS, EASTBOUND RED LINE BOUNDARY

Date	Scale	Drawn	Checked	Approved
26/09/2025	1:100 @ A1 1:200 @ A3	UV	MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
-	343	609541	PTSDT-ACM-GEO_GA_0029_030-17-DR-CR-0002	1 of 1	S0	P01

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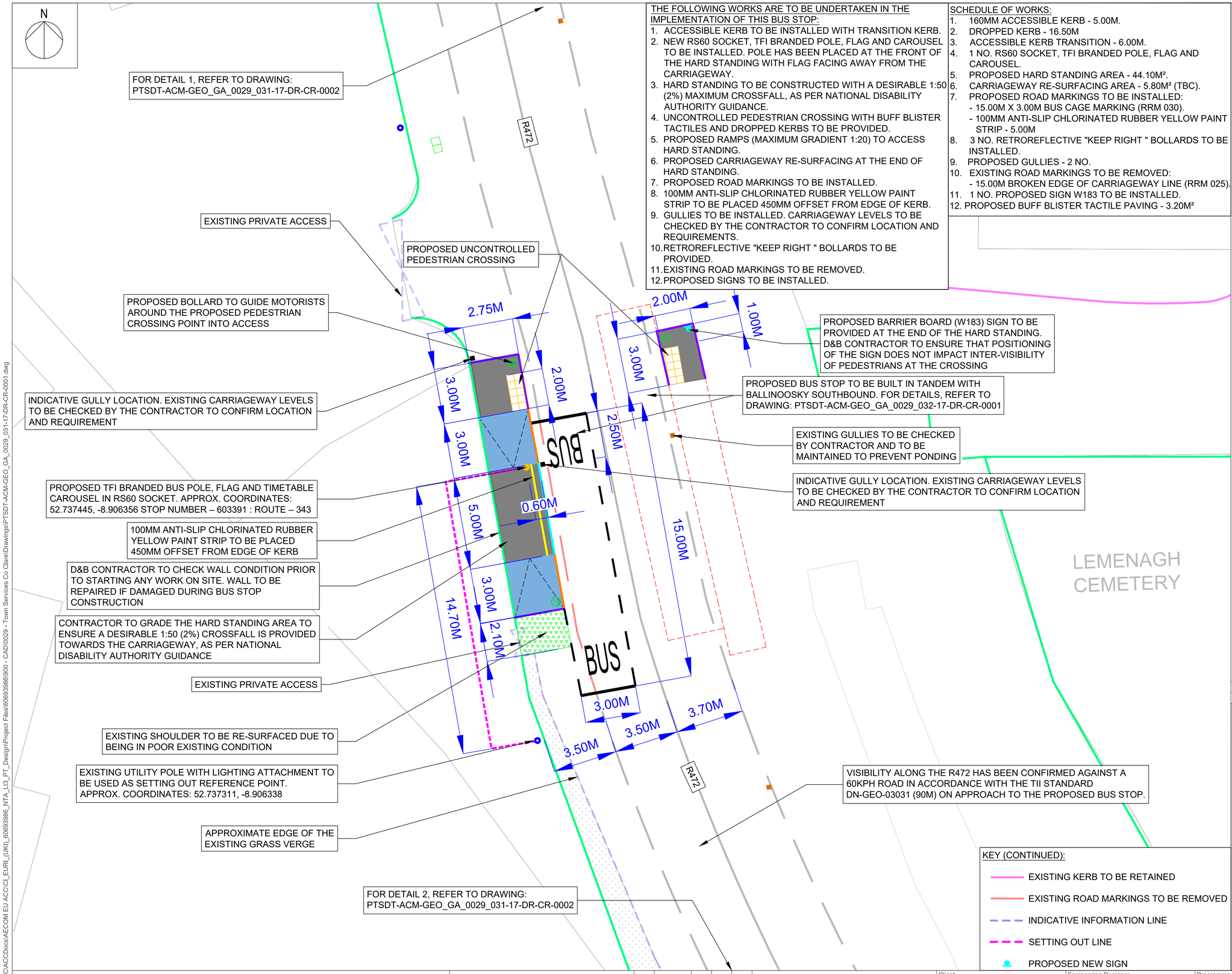

THE FOLLOWING WORKS ARE TO BE UNDERTAKEN IN THE IMPLEMENTATION OF THIS BUS STOP:

1. ACCESSIBLE KERB TO BE INSTALLED WITH TRANSITION KERB.
2. NEW RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED. POLE HAS BEEN PLACED AT THE FRONT OF THE HARD STANDING WITH FLAG FACING AWAY FROM THE CARRIAGEWAY.
3. HARD STANDING TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAXIMUM CROSSFALL, AS PER NATIONAL DISABILITY AUTHORITY GUIDANCE.
4. UNCONTROLLED PEDESTRIAN CROSSING WITH BUFF BLISTER TACTILES AND DROPPED KERBS TO BE PROVIDED.
5. PROPOSED RAMPS (MAXIMUM GRADIENT 1:20) TO ACCESS HARD STANDING.
6. PROPOSED CARRIAGEWAY RE-SURFACING AT THE END OF HARD STANDING.
7. PROPOSED ROAD MARKINGS TO BE INSTALLED.
8. 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP TO BE PLACED 450MM OFFSET FROM EDGE OF KERB.
9. GULLIES TO BE INSTALLED. CARRIAGEWAY LEVELS TO BE CHECKED BY THE CONTRACTOR TO CONFIRM LOCATION AND REQUIREMENTS.
10. RETROREFLECTIVE "KEEP RIGHT " BOLLARDS TO BE PROVIDED.
11. EXISTING ROAD MARKINGS TO BE REMOVED.
12. PROPOSED SIGNS TO BE INSTALLED.

SCHEDULE OF WORKS:

1. 160MM ACCESSIBLE KERB - 5.00M.
2. DROPPED KERB - 16.50M
3. ACCESSIBLE KERB TRANSITION - 6.00M.
4. 1 NO. RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL.
5. PROPOSED HARD STANDING AREA - 44.10M².
6. CARRIAGEWAY RE-SURFACING AREA - 5.80M² (TBC).
7. PROPOSED ROAD MARKINGS TO BE INSTALLED:
   - 15.00M X 3.00M BUS CAGE MARKING (RRM 030).
   - 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP - 5.00M
8. 3 NO. RETROREFLECTIVE "KEEP RIGHT " BOLLARDS TO BE INSTALLED.
9. PROPOSED GULLIES - 2 NO.
10. EXISTING ROAD MARKINGS TO BE REMOVED:
    - 15.00M BROKEN EDGE OF CARRIAGEWAY LINE (RRM 025).
11. 1 NO. PROPOSED SIGN W183 TO BE INSTALLED.
12. PROPOSED BUFF BLISTER TACTILE PAVING - 3.20M²

NOTES:

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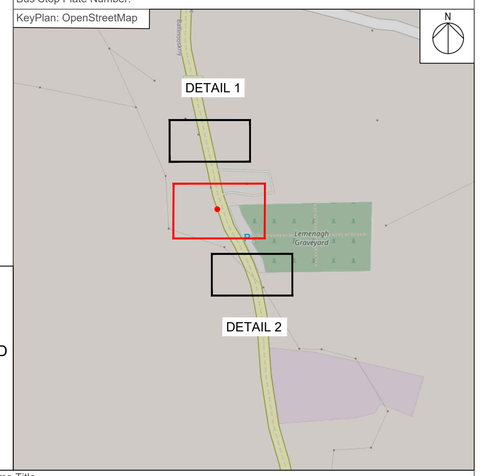
6. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
7. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
8. INDICATIVE ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.
9. ANY VEGETATION OVERHANGING FOOTWAY OR CYCLE TRACK TO BE APPROPRIATELY MAINTAINED BY THE LOCAL AUTHORITY TO PREVENT OBSTRUCTIONS.

KEY:

- PROPOSED ROAD MARKINGS
- EXISTING ROAD MARKINGS
- PROPOSED BUS STOP POLE
- PROPOSED 160MM ACCESSIBLE KERB
- PROPOSED ACCESSIBLE KERB TRANSITION
- PROPOSED DROPPED KERB
- PROPOSED HARD STANDING AREA
- PROPOSED CARRIAGEWAY (RE-SURFACING)
- PROPOSED RAMP GRADIENT
- PROPOSED BUFF BLISTER TACTILE PAVING
- PROPOSED RETROREFLECTIVE 'KEEP-RIGHT' BOLLARD
- PROPOSED GULLY
- EXISTING GRASS VERGE
- EXISTING WALL
- EXISTING GULLY
- EXISTING UTILITY POLE
- EXISTING SERVICE COVER

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



KEY (CONTINUED):

- EXISTING KERB TO BE RETAINED
- EXISTING ROAD MARKINGS TO BE REMOVED
- INDICATIVE INFORMATION LINE
- SETTING OUT LINE
- PROPOSED NEW SIGN

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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
P01	21/05/2025	BD	LB/MW	TJ	CONCEPT DESIGN FOR NTA REVIEW
P02	24/07/2025	RK	CM/MW	EH	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: BALLINOOSKY NORTHBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT SHEET 1 OF 2

Date	Scale	Drawn	Checked	Approved
24/07/2025	1:100 @ A1 1:200 @ A3	RK	CM/MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	603391	PTSDT-ACM-GEO_GA_0029_031-17-DR-CR-0001	1 of 2	S0	P02

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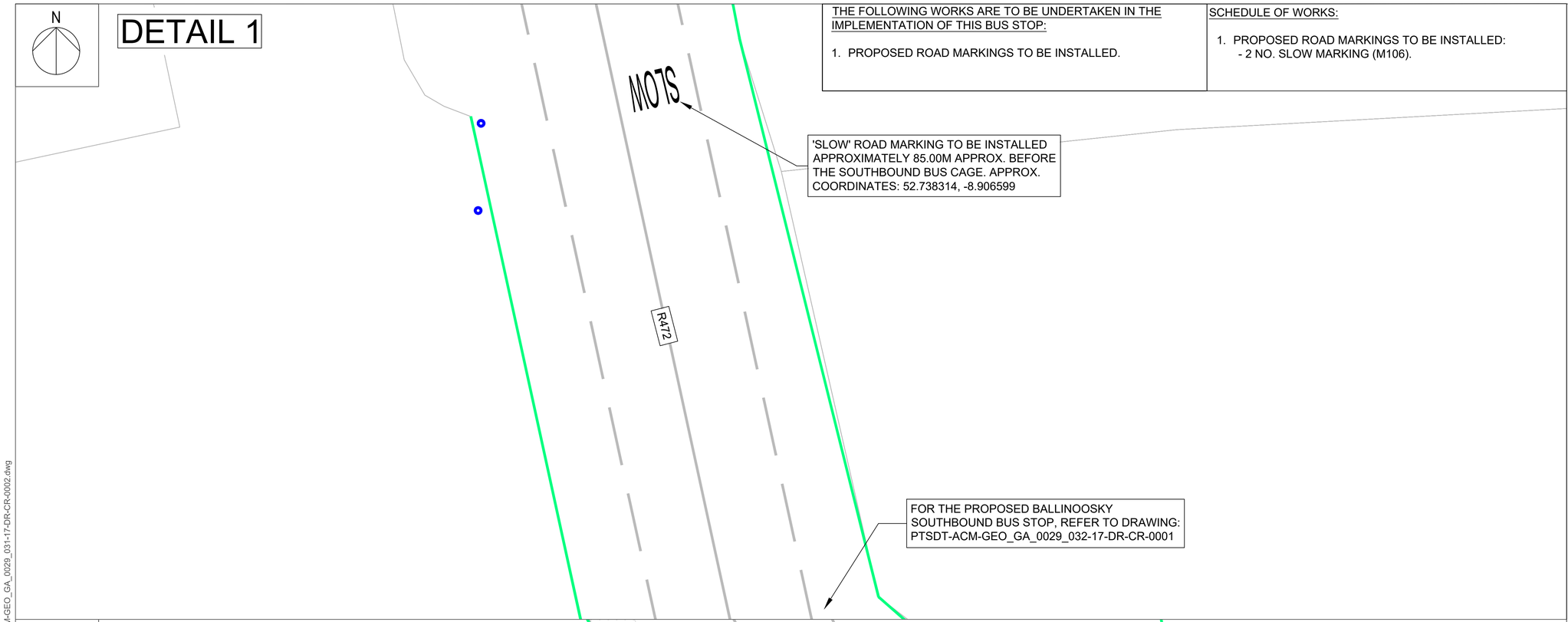
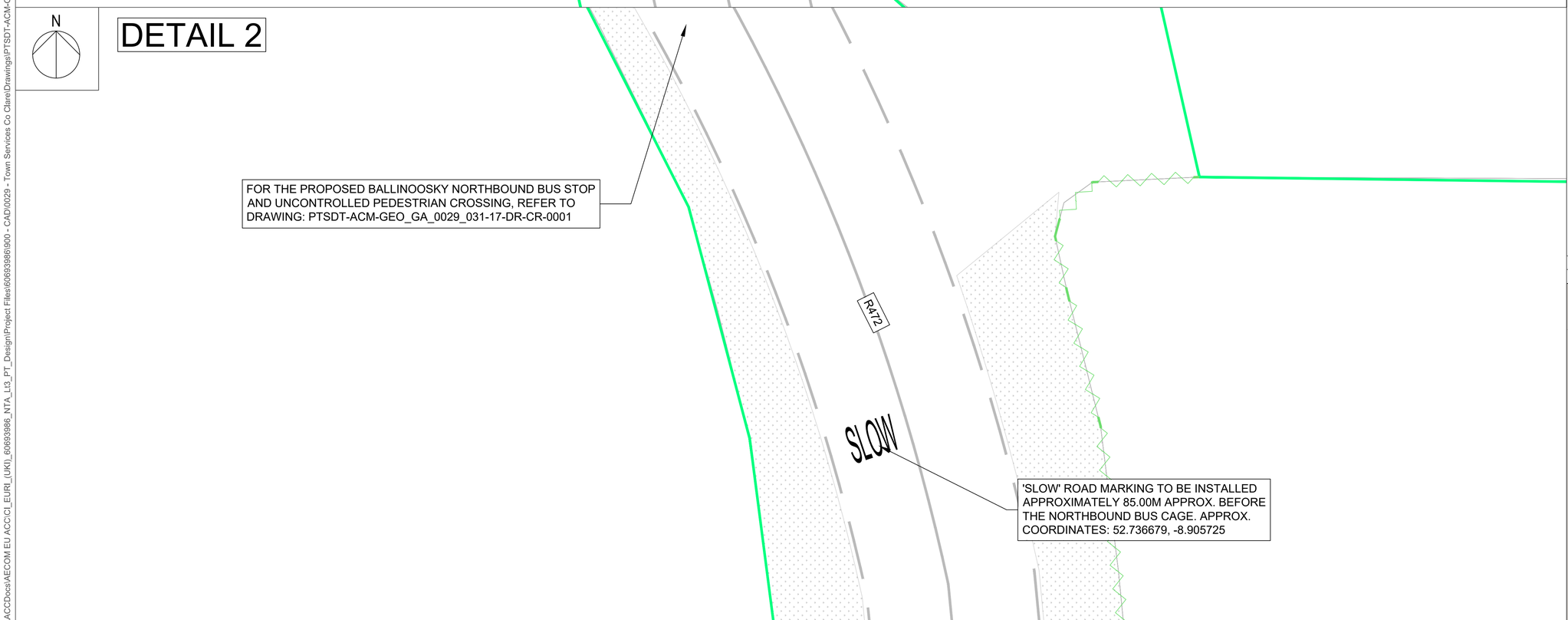
THE FOLLOWING WORKS ARE TO BE UNDERTAKEN IN THE IMPLEMENTATION OF THIS BUS STOP:

1. PROPOSED ROAD MARKINGS TO BE INSTALLED.

SCHEDULE OF WORKS:

1. PROPOSED ROAD MARKINGS TO BE INSTALLED:
   - 2 NO. SLOW MARKING (M106).





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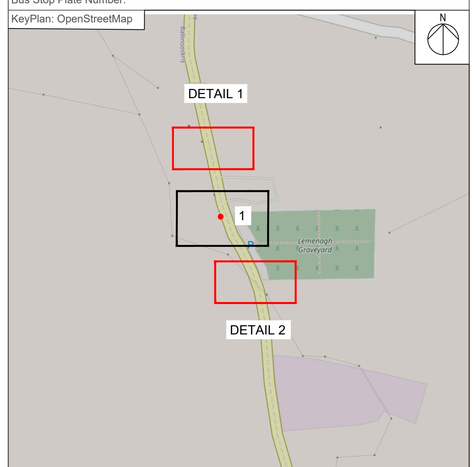
KEY:

- PROPOSED ROAD MARKINGS
- EXISTING ROAD MARKINGS
- EXISTING GRASS VERGE
- EXISTING WALL
- EXISTING HEDGE
- EXISTING GULLY
- EXISTING UTILITY POLE

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	21/05/2025	BD	LB/MW	TJ	CONCEPT DESIGN FOR NTA REVIEW
P02	24/07/2025	RK	CM/MW	EH	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: BALLINOOSKY NORTHBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT SHEET 2 OF 2

Date	Scale	Drawn	Checked	Approved
24/07/2025	1:100 @ A1 1:200 @ A3	RK	CM/MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	603391	PTSDT-ACM-GEO_GA_0029_031-17-DR-CR-0002	2 of 2	S0	P02

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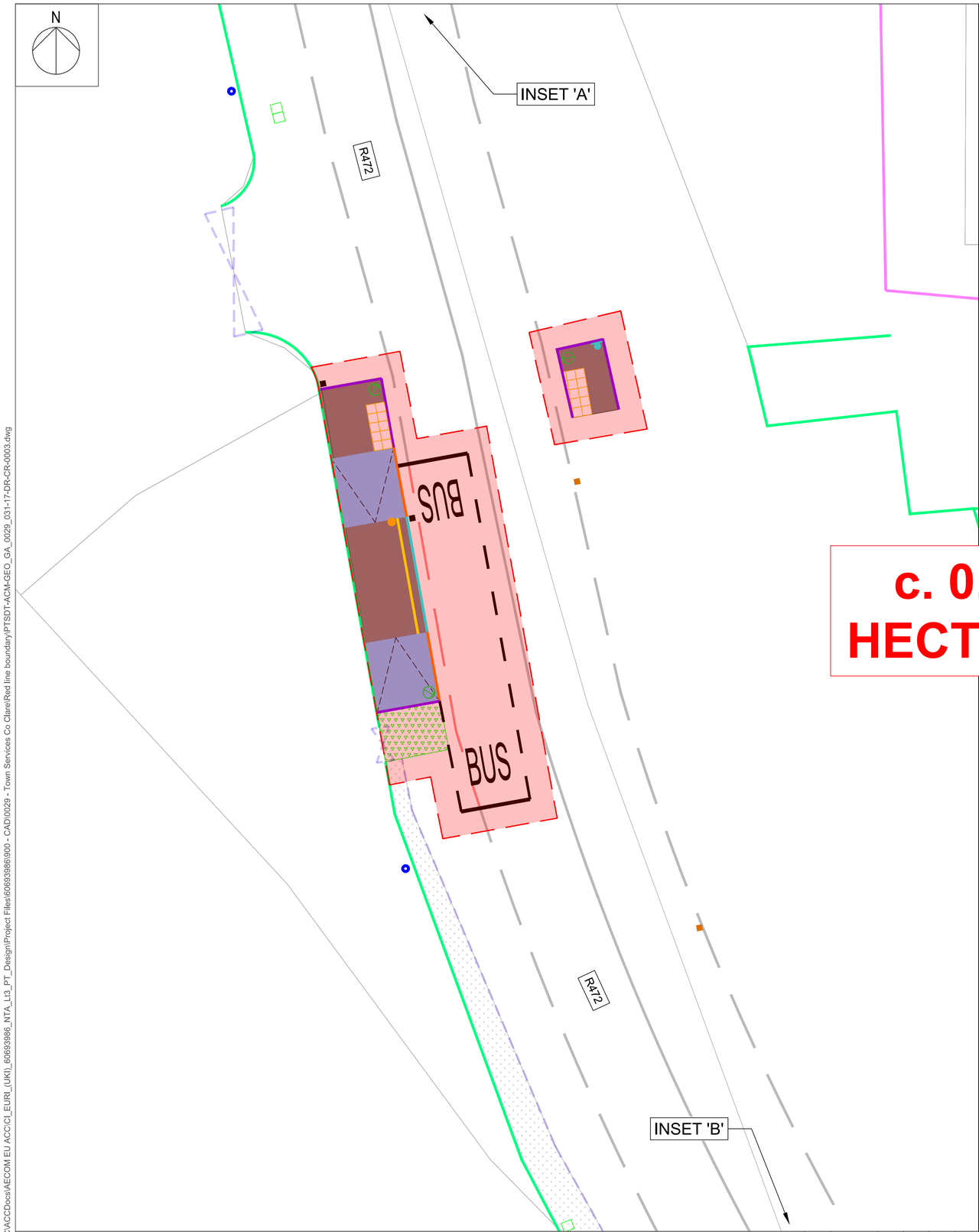

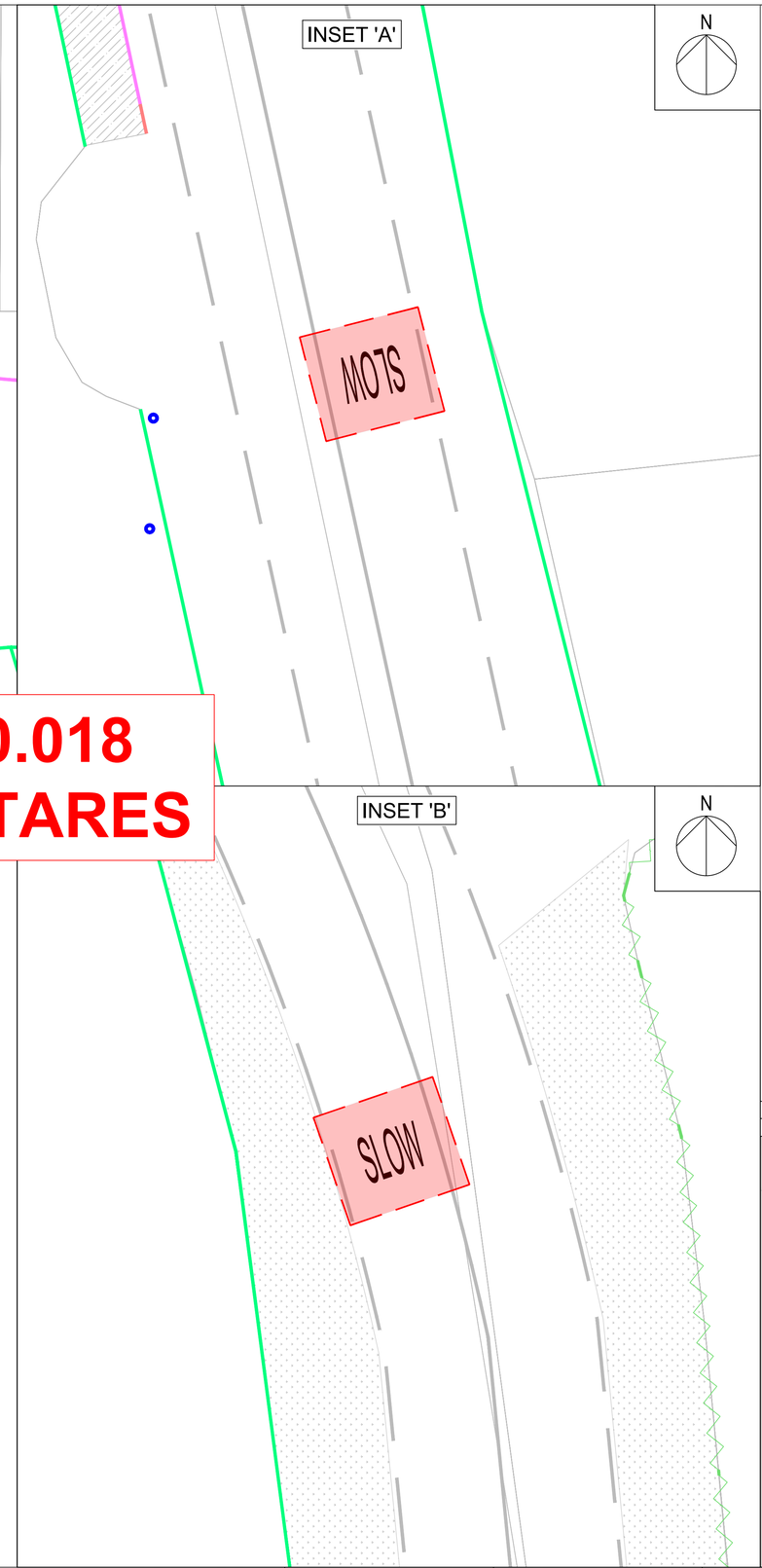

c. 0.018 HECTARES

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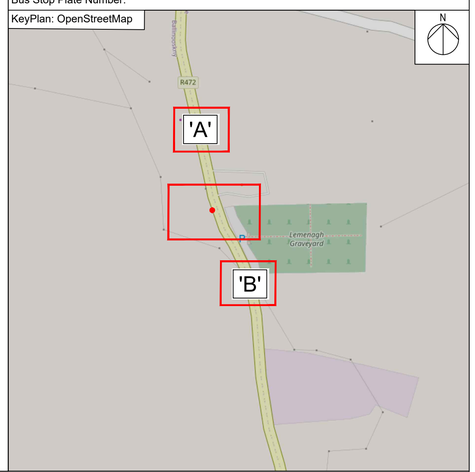
7. INDICATIVE LAYOUT AND ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.

KEY:

PROPOSED RED LINE BOUNDARY

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



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Project Ireland 2040
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Rev	Date	Drn	Chk'd	App'd	Description
P01	26/09/2025	UV	MW	EH	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: BALLINOOSKY, NORTHBOUND RED LINE BOUNDARY

Date	Scale	Drawn	Checked	Approved
26/09/2025	1:100 @ A1 1:200 @ A3	UV	MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	603391	PTSDT-ACM-GEO_GA_0029_031-17-DR-CR-0003	1 of 1	S0	P01

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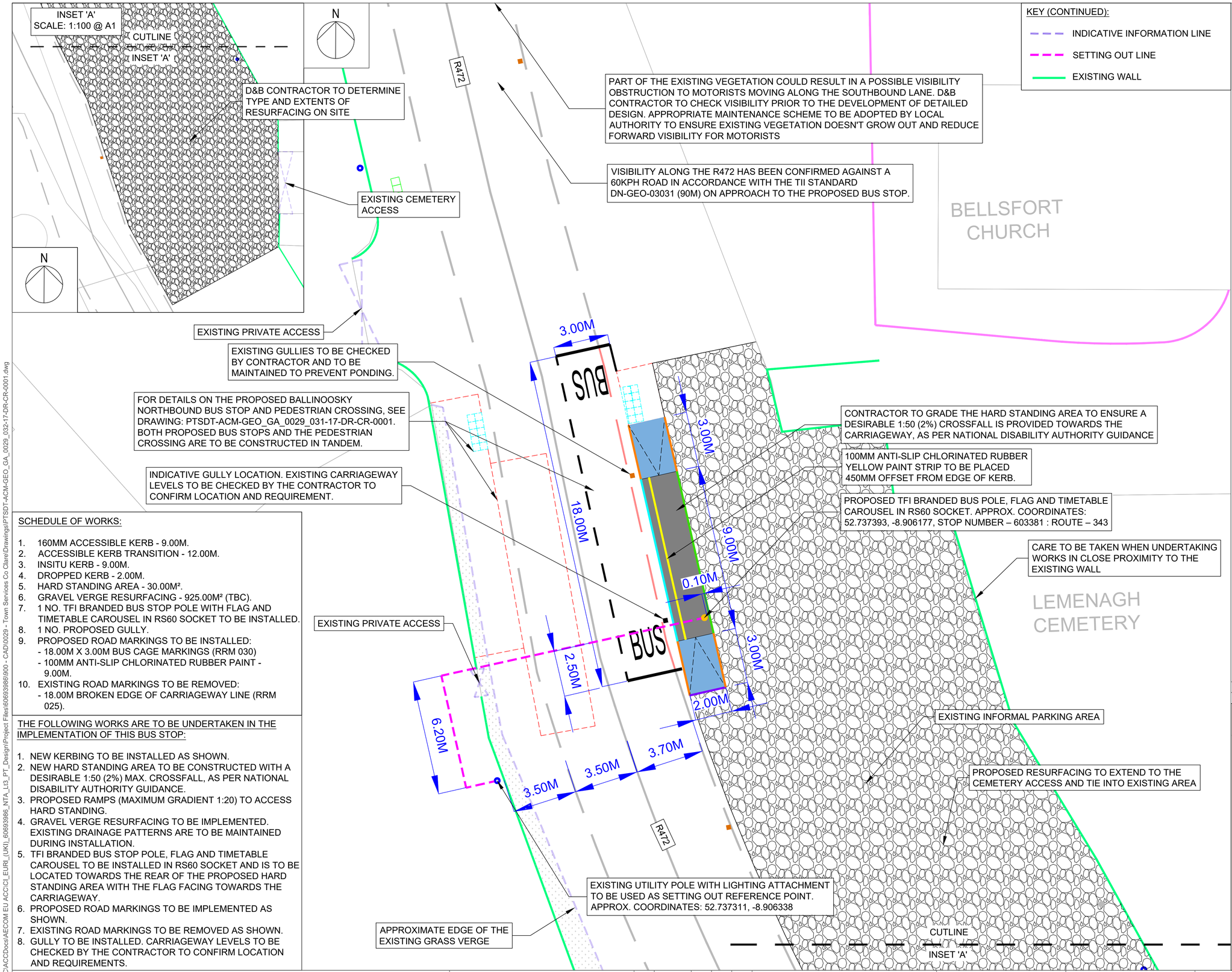

KEY (CONTINUED):

- INDICATIVE INFORMATION LINE
- SETTING OUT LINE
- EXISTING WALL

NOTES:

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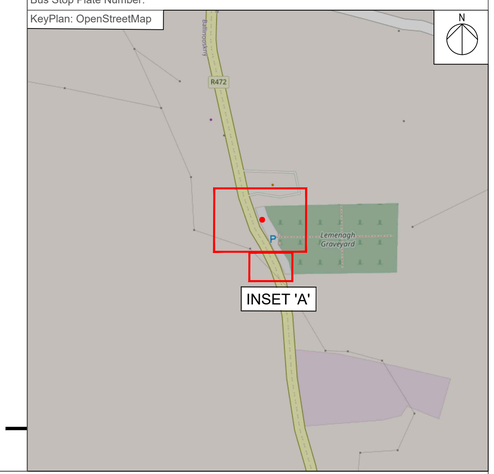
6. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
7. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
8. INDICATIVE ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.
9. ANY VEGETATION OVERHANGING FOOTWAY OR CYCLE TRACK TO BE APPROPRIATELY MAINTAINED BY THE LOCAL AUTHORITY TO PREVENT OBSTRUCTIONS.

KEY:

- PROPOSED ROAD MARKINGS
- EXISTING ROAD MARKINGS
- PROPOSED BUS STOP POLE
- PROPOSED 160MM ACCESSIBLE KERB
- PROPOSED INSITU KERB
- PROPOSED ACCESSIBLE KERB TRANSITION
- PROPOSED DROPPED KERB
- PROPOSED HARD STANDING AREA
- PROPOSED RAMP GRADIENT
- PROPOSED GULLY
- EXISTING GRASS VERGE
- EXISTING GULLY
- EXISTING UTILITY POLE
- EXISTING SERVICE COVER
- EXISTING ROAD MARKINGS TO BE REMOVED
- EXISTING KERB TO BE RETAINED
- PROPOSED GRAVEL VERGE RESURFACING

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



SCHEDULE OF WORKS:

1. 160MM ACCESSIBLE KERB - 9.00M.
2. ACCESSIBLE KERB TRANSITION - 12.00M.
3. INSITU KERB - 9.00M.
4. DROPPED KERB - 2.00M.
5. HARD STANDING AREA - 30.00M².
6. GRAVEL VERGE RESURFACING - 925.00M² (TBC).
7. 1 NO. TFI BRANDED BUS STOP POLE WITH FLAG AND TIMETABLE CAROUSEL IN RS60 SOCKET TO BE INSTALLED.
8. 1 NO. PROPOSED GULLY.
9. PROPOSED ROAD MARKINGS TO BE INSTALLED:
   - 18.00M X 3.00M BUS CAGE MARKINGS (RRM 030)
   - 100MM ANTI-SLIP CHLORINATED RUBBER PAINT - 9.00M.
10. EXISTING ROAD MARKINGS TO BE REMOVED:
   - 18.00M BROKEN EDGE OF CARRIAGEWAY LINE (RRM 025).

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

1. NEW KERBING TO BE INSTALLED AS SHOWN.
2. NEW HARD STANDING AREA TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAX. CROSSFALL, AS PER NATIONAL DISABILITY AUTHORITY GUIDANCE.
3. PROPOSED RAMPS (MAXIMUM GRADIENT 1:20) TO ACCESS HARD STANDING.
4. GRAVEL VERGE RESURFACING TO BE IMPLEMENTED. EXISTING DRAINAGE PATTERNS ARE TO BE MAINTAINED DURING INSTALLATION.
5. TFI BRANDED BUS STOP POLE, FLAG AND TIMETABLE CAROUSEL TO BE INSTALLED IN RS60 SOCKET AND IS TO BE LOCATED TOWARDS THE REAR OF THE PROPOSED HARD STANDING AREA WITH THE FLAG FACING TOWARDS THE CARRIAGEWAY.
6. PROPOSED ROAD MARKINGS TO BE IMPLEMENTED AS SHOWN.
7. EXISTING ROAD MARKINGS TO BE REMOVED AS SHOWN.
8. GULLY TO BE INSTALLED. CARRIAGEWAY LEVELS TO BE CHECKED BY THE CONTRACTOR TO CONFIRM LOCATION AND REQUIREMENTS.

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Rev	Date	Drn	Chk'd	App'd	Description
P01	21/05/2025	BD	LB/MW	TJ	CONCEPT DESIGN FOR NTA REVIEW
P02	24/07/2025	RK	CM/MW	EH	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: BALLINOOSKY SOUTHBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
24/07/2025	1:100 @ A1 1:200 @ A3	RK	CM/MW	EH

Phase	Route	Stop Number
1	343	603381

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0029_032-17-DR-CR-0001	1 of 1	S0	P02

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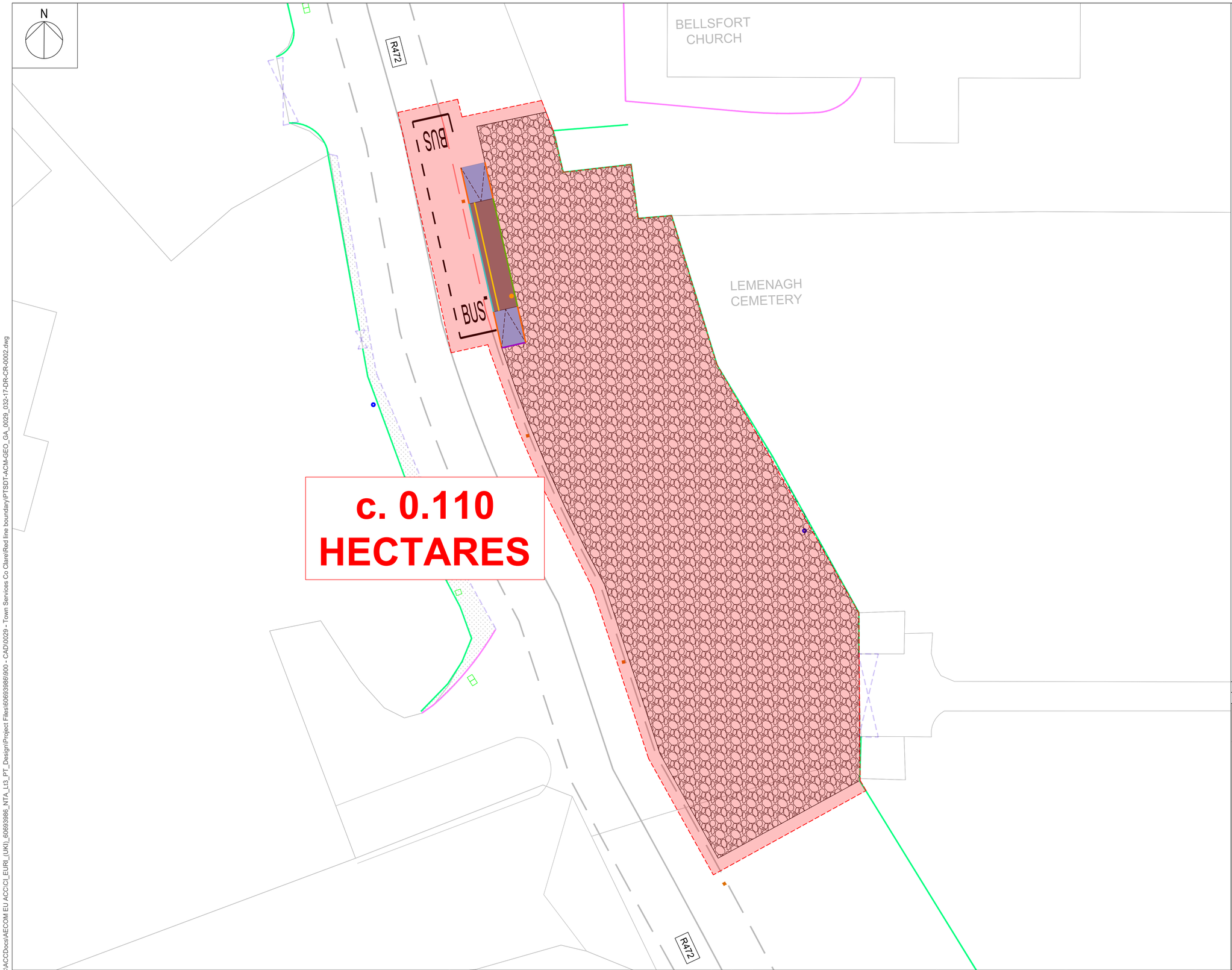

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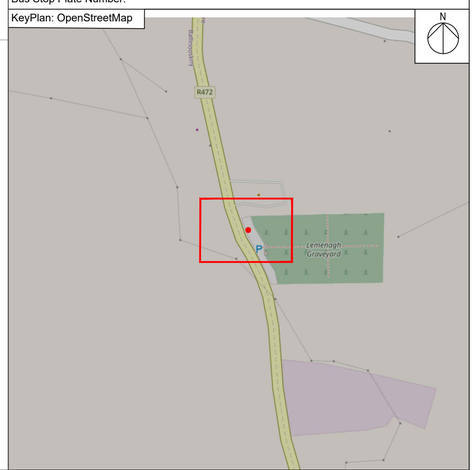
KEY:

PROPOSED RED LINE BOUNDARY

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



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Rev	Date	Drn	Chk'd	App'd	Description
P01	26/09/2025	UV	MW	EH	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: BALLINOOSKY, SOUTHBOUND RED LINE BOUNDARY

Date	Scale	Drawn	Checked	Approved
26/09/2025	1:150 @ A1 1:300 @ A3	UV	MW	EH

Phase	Route	Stop Number
-	343	603381

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0029_032-17-DR-CR-0002	1 of 1	S0	P01

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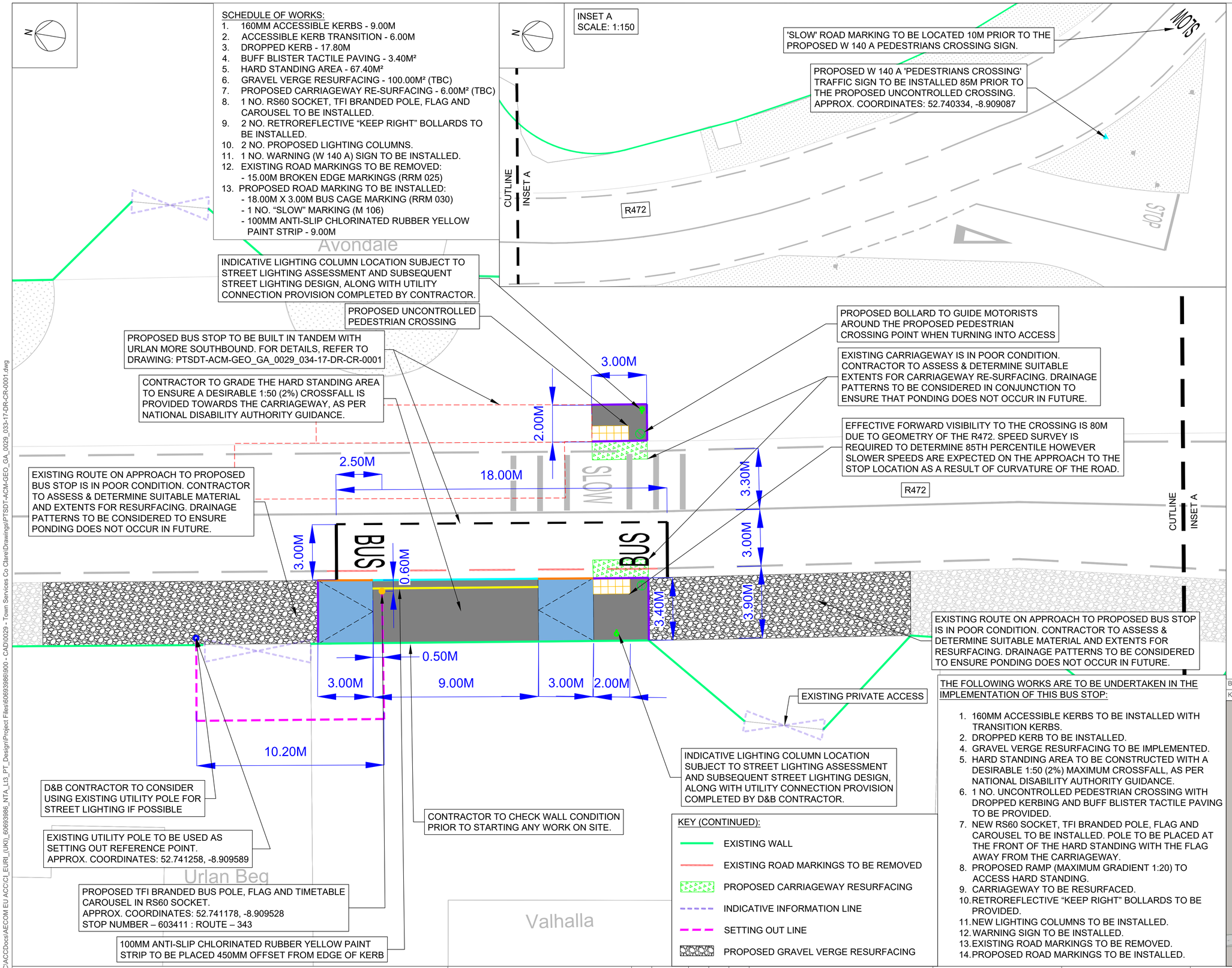
SCHEDULE OF WORKS:

1. 160MM ACCESSIBLE KERBS - 9.00M
2. ACCESSIBLE KERB TRANSITION - 6.00M
3. DROPPED KERB - 17.80M
4. BUFF BLISTER TACTILE PAVING - 3.40M²
5. HARD STANDING AREA - 67.40M²
6. GRAVEL VERGE RESURFACING - 100.00M² (TBC)
7. PROPOSED CARRIAGEWAY RE-SURFACING - 6.00M² (TBC)
8. 1 NO. RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED.
9. 2 NO. RETROREFLECTIVE "KEEP RIGHT" BOLLARDS TO BE INSTALLED.
10. 2 NO. PROPOSED LIGHTING COLUMNS.
11. 1 NO. WARNING (W 140 A) SIGN TO BE INSTALLED.
12. EXISTING ROAD MARKINGS TO BE REMOVED:
    - 15.00M BROKEN EDGE MARKINGS (RRM 025)
13. PROPOSED ROAD MARKING TO BE INSTALLED:
    - 18.00M X 3.00M BUS CAGE MARKING (RRM 030)
    - 1 NO. "SLOW" MARKING (M 106)
    - 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP - 9.00M



NOTES:

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3. CO-ORDINATES SHOWN ON DRAWINGS REFERENCE DECIMAL DEGREES LATITUDE/LONGITUDE.
4. ALL UTILITIES SHOWN ARE INDICATIVE ONLY AND REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
5. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
6. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
7. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
8. INDICATIVE ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.
9. ANY VEGETATION OVERHANGING FOOTWAY OR CYCLE TRACK TO BE APPROPRIATELY MAINTAINED BY THE LOCAL AUTHORITY TO PREVENT OBSTRUCTIONS.

KEY:

- PROPOSED ROAD MARKINGS
- EXISTING ROAD MARKINGS
- PROPOSED BUS STOP POLE
- PROPOSED 160MM ACCESSIBLE KERB
- PROPOSED ACCESSIBLE TRANSITION KERB
- PROPOSED DROPPED KERB
- PROPOSED HARD STANDING AREA
- PROPOSED RAMP GRADIENT
- PROPOSED BUFF BLISTER TACTILE PAVING
- PROPOSED SIGNAGE
- PROPOSED LIGHTING COLUMN
- PROPOSED RETROREFLECTIVE 'KEEP RIGHT' BOLLARD
- EXISTING GRAVEL VERGE
- EXISTING GRASS VERGE
- EXISTING UTILITY POLE
- EXISTING TRAFFIC SIGNAGE
- EXISTING TREE

KEY (CONTINUED):

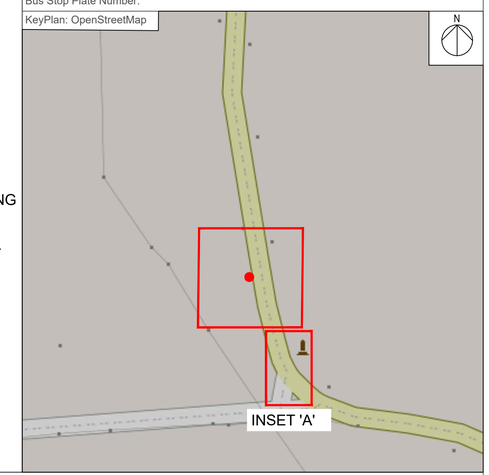
- EXISTING WALL
- EXISTING ROAD MARKINGS TO BE REMOVED
- PROPOSED CARRIAGEWAY RESURFACING
- INDICATIVE INFORMATION LINE
- SETTING OUT LINE
- PROPOSED GRAVEL VERGE RESURFACING

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

1. 160MM ACCESSIBLE KERBS TO BE INSTALLED WITH TRANSITION KERBS.
2. DROPPED KERB TO BE INSTALLED.
4. GRAVEL VERGE RESURFACING TO BE IMPLEMENTED.
5. HARD STANDING AREA TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAXIMUM CROSSFALL, AS PER NATIONAL DISABILITY AUTHORITY GUIDANCE.
6. 1 NO. UNCONTROLLED PEDESTRIAN CROSSING WITH DROPPED KERBING AND BUFF BLISTER TACTILE PAVING TO BE PROVIDED.
7. NEW RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED. POLE TO BE PLACED AT THE FRONT OF THE HARD STANDING WITH THE FLAG AWAY FROM THE CARRIAGEWAY.
8. PROPOSED RAMP (MAXIMUM GRADIENT 1:20) TO ACCESS HARD STANDING.
9. CARRIAGEWAY TO BE RESURFACED.
10. RETROREFLECTIVE "KEEP RIGHT" BOLLARDS TO BE PROVIDED.
11. NEW LIGHTING COLUMNS TO BE INSTALLED.
12. WARNING SIGN TO BE INSTALLED.
13. EXISTING ROAD MARKINGS TO BE REMOVED.
14. PROPOSED ROAD MARKINGS TO BE INSTALLED.

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	21/05/2025	BD	LB/MW	TJ	CONCEPT DESIGN FOR NTA REVIEW
P02	24/07/2025	RK	CM/MW	EH	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: URLAN MORE, NORTHBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
24/07/2025	1:100 @ A1 1:200 @ A3	RK	CM/MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	603411	PTSDT-ACM-GEO_GA_0029_033-17-DR-CR-0001	1 of 1	S0	P02

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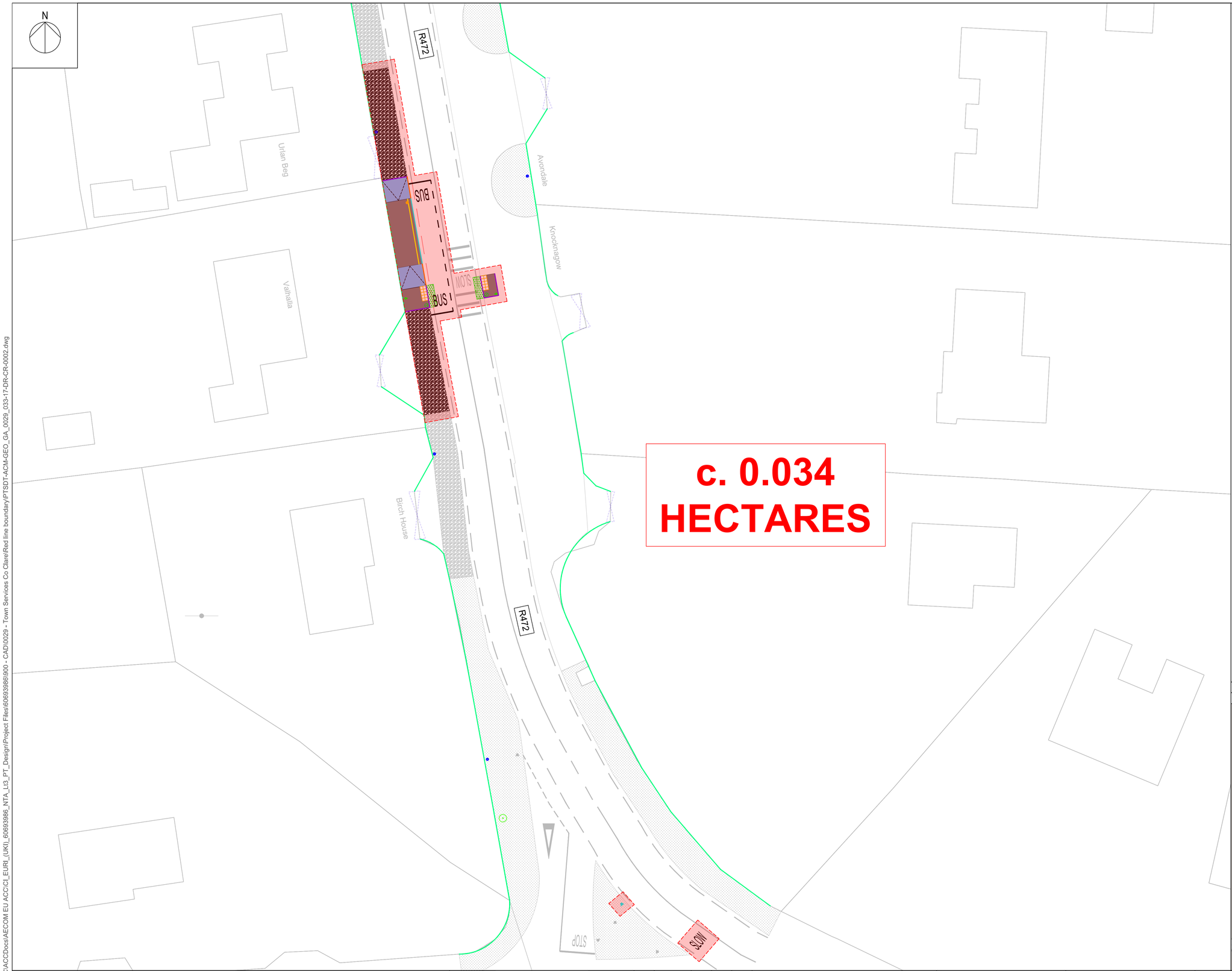

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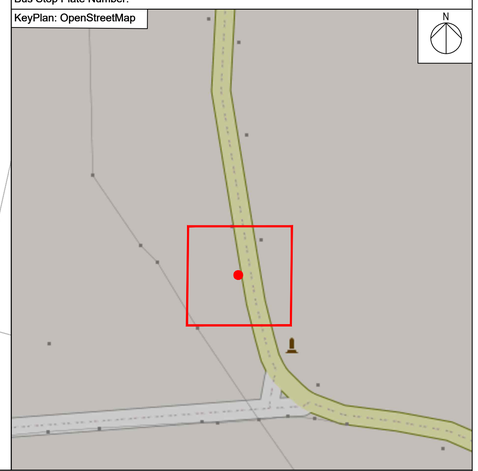
7. INDICATIVE LAYOUT AND ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.

KEY:

PROPOSED RED LINE BOUNDARY

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	26/09/2025	UV	MW	EH	ISSUE FOR PRELIMINARY DESIGN

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: AECOM

Date	Scale	Drawn	Checked	Approved
26/09/2025	1:200 @ A1 1:400 @ A3	UV	MW	EH

Phase	Route	Stop Number
1	343	603411

Programme Title: PUBLIC TRANSPORT STOP DESIGN TEAM SERVICES

Drawing Title: URLAN MORE, NORTHBOUND RED LINE BOUNDARY

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0029_033-17-DR-CR-0002	1 of 1	S0	P01

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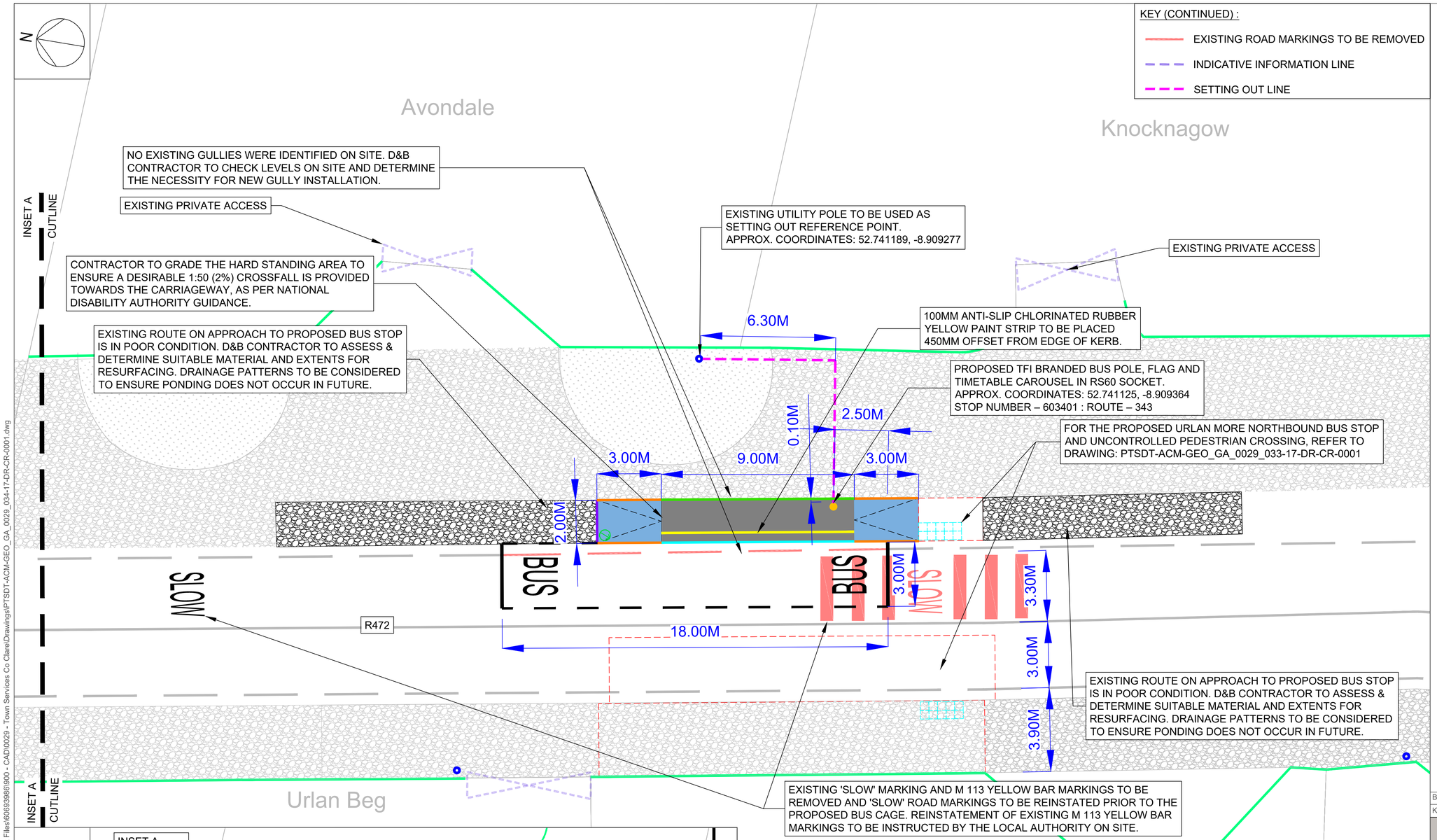

KEY (CONTINUED) :

- EXISTING ROAD MARKINGS TO BE REMOVED
- INDICATIVE INFORMATION LINE
- SETTING OUT LINE

NOTES:

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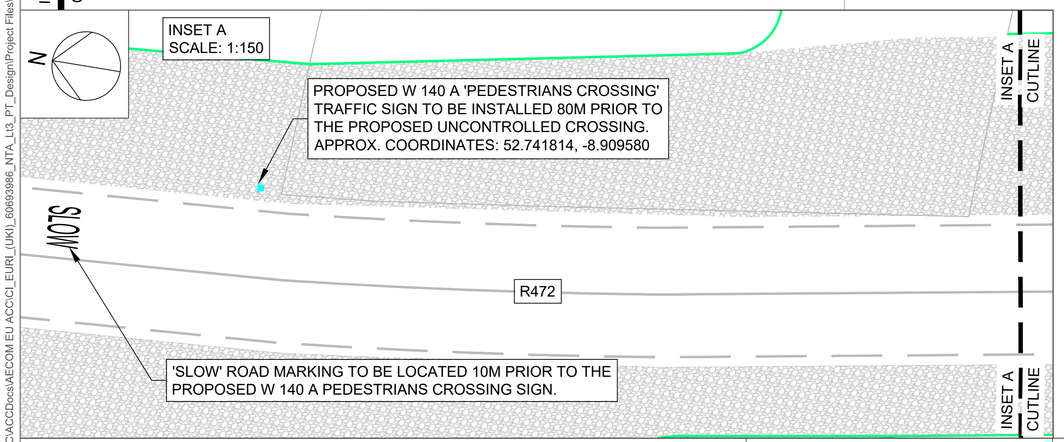
9. ANY VEGETATION OVERHANGING FOOTWAY OR CYCLE TRACK TO BE APPROPRIATELY MAINTAINED BY THE LOCAL AUTHORITY TO PREVENT OBSTRUCTIONS.

KEY:

- PROPOSED ROAD MARKINGS
- EXISTING ROAD MARKINGS
- PROPOSED BUS STOP POLE
- PROPOSED 160MM ACCESSIBLE KERB
- PROPOSED INSITU KERB
- PROPOSED ACCESSIBLE KERB TRANSITION
- PROPOSED DROPPED KERB
- PROPOSED HARD STANDING AREA
- PROPOSED RAMP GRADIENT
- PROPOSED GRAVEL VERGE RE-SURFACING
- PROPOSED SIGNAGE
- PROPOSED RETROREFLECTIVE 'KEEP RIGHT' BOLLARD
- EXISTING GRAVEL VERGE
- EXISTING GRASS VERGE
- EXISTING WALL
- EXISTING UTILITY POLE



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

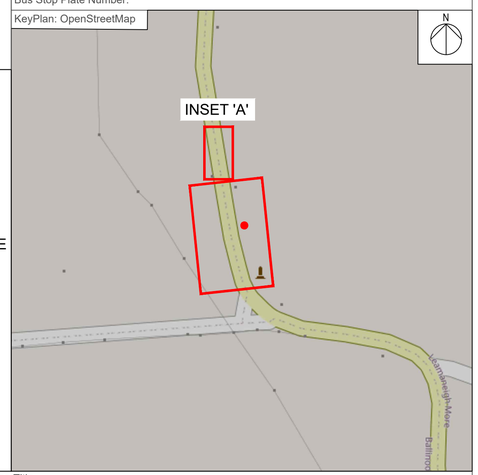
1. 160MM ACCESSIBLE KERBS TO BE INSTALLED WITH TRANSITION KERBS.
2. INSITU KERBS TO BE INSTALLED.
3. DROPPED KERBS TO BE INSTALLED.
4. GRAVEL VERGE RESURFACING TO BE IMPLEMENTED.
5. HARD STANDING AREA TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAXIMUM CROSSFALL, AS PER NATIONAL DISABILITY AUTHORITY GUIDANCE.
6. NEW RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED. POLE TO BE PLACED AT THE BACK OF THE HARD STANDING WITH THE FLAG FACING TOWARDS THE CARRIAGEWAY.
7. PROPOSED RAMP (MAXIMUM GRADIENT 1:20) TO ACCESS HARD STANDING.
8. RETROREFLECTIVE “KEEP RIGHT” BOLLARD TO BE PROVIDED.
9. WARNING SIGN TO BE INSTALLED.
10. EXISTING ROAD MARKINGS TO BE REMOVED.
11. PROPOSED ROAD MARKINGS TO BE INSTALLED.

SCHEDULE OF WORKS:

1. PROPOSED 160MM ACCESSIBLE KERBS - 9.00M
2. PROPOSED ACCESSIBLE KERB TRANSITION - 12.00M
3. PROPOSED DROPPED KERB - 2.00M
4. PROPOSED INSITU KERB - 9.00M
5. PROPOSED HARD STANDING AREA - 30.00M²
6. GRAVEL VERGE RESURFACING - 55.00M² (TBC)
7. 1 NO. RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL
8. 1 NO. RETROREFLECTIVE “KEEP RIGHT” BOLLARD TO BE INSTALLED
9. 1 NO. WARNING (W 140 A) SIGN TO BE INSTALLED.
10. EXISTING ROAD MARKINGS TO BE REMOVED:
    - 15.00M BROKEN EDGE MARKINGS (RRM 025)
    - 1 NO. “SLOW” MARKING (M 106)
    - 18.00M YELLOW BAR MARKINGS (M 113)
11. PROPOSED ROAD MARKING TO BE INSTALLED:
    - 18.00M X 3.00M BUS CAGE MARKING (RRM 030)
    - 2 NO. “SLOW” MARKING (M 106)
    - 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP - 9.00M

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	21/05/2025	BD	LB/MW	TJ	CONCEPT DESIGN FOR NTA REVIEW
P02	24/07/2025	RK	CM/MW	EH	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: URLAN MORE, SOUTHBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
24/07/2025	1:100 @ A1 1:200 @ A3	RK	CM/MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	603401	PTSDT-ACM-GEO_GA_0029_034-17-DR-CR-0001	1 of 1	S0	P02

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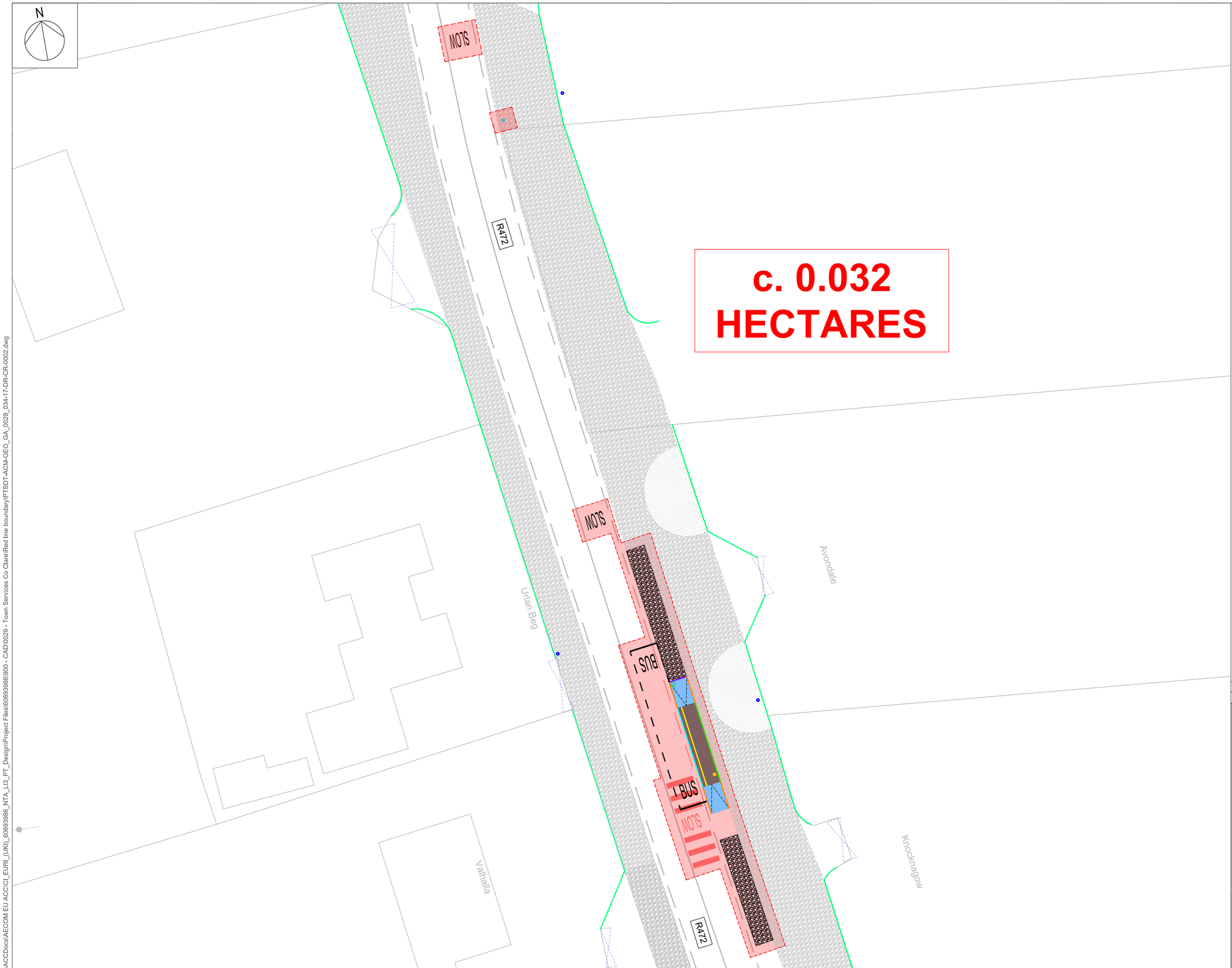

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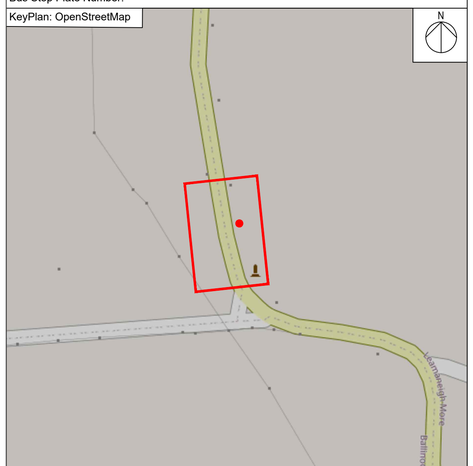
KEY:

PROPOSED RED LINE BOUNDARY

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



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Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
P01	26/09/2025	UV	MW	EH	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: URLAN MORE, SOUTHBOUND RED LINE BOUNDARY

Date	Scale	Drawn	Checked	Approved
26/09/2025	1:200 @ A1 1:400 @ A3	UV	MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	603401	PTSDT-ACM-GEO_GA_0029_034-17-DR-CR-0002	1 of 1	S0	P01

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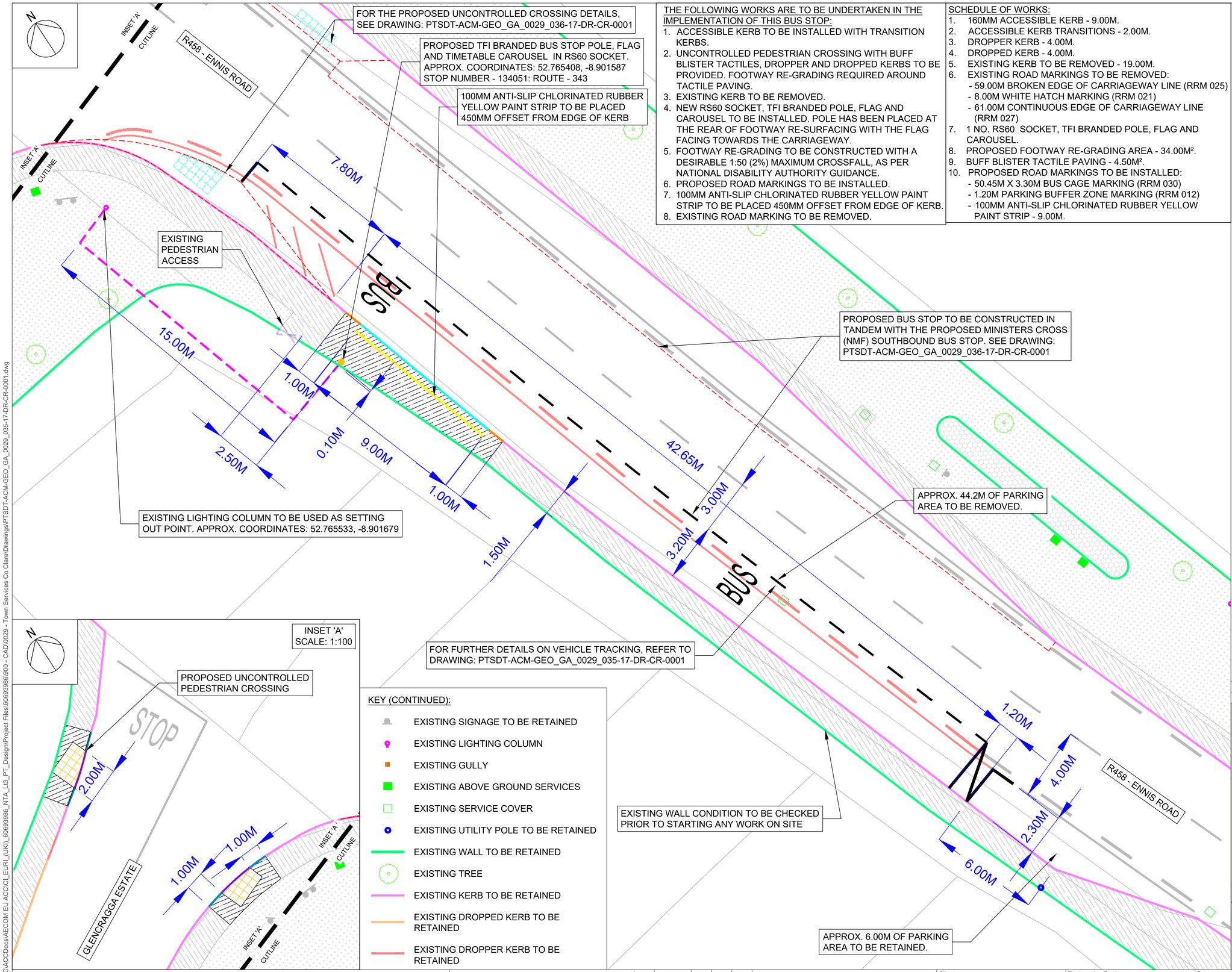

THE FOLLOWING WORKS ARE TO BE UNDERTAKEN IN THE IMPLEMENTATION OF THIS BUS STOP:

1. ACCESSIBLE KERB TO BE INSTALLED WITH TRANSITION KERBS.
2. UNCONTROLLED PEDESTRIAN CROSSING WITH BUFF BLISTER TACTILES, DROPPER AND DROPPED KERBS TO BE PROVIDED. FOOTWAY RE-GRADING REQUIRED AROUND TACTILE PAVING.
3. EXISTING KERB TO BE REMOVED.
4. NEW RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED. POLE HAS BEEN PLACED AT THE REAR OF FOOTWAY RE-SURFACING WITH THE FLAG FACING TOWARDS THE CARRIAGEWAY.
5. FOOTWAY RE-GRADING TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAXIMUM CROSSFALL, AS PER NATIONAL DISABILITY AUTHORITY GUIDANCE.
6. PROPOSED ROAD MARKINGS TO BE INSTALLED.
7. 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP TO BE PLACED 450MM OFFSET FROM EDGE OF KERB.
8. EXISTING ROAD MARKING TO BE REMOVED.

SCHEDULE OF WORKS:

1. 160MM ACCESSIBLE KERB - 9.00M.
2. ACCESSIBLE KERB TRANSITIONS - 2.00M.
3. DROPPER KERB - 4.00M.
4. DROPPED KERB - 4.00M.
5. EXISTING KERB TO BE REMOVED - 19.00M.
6. EXISTING ROAD MARKINGS TO BE REMOVED:
   - 59.00M BROKEN EDGE OF CARRIAGEWAY LINE (RRM 025)
   - 8.00M WHITE HATCH MARKING (RRM 021)
   - 61.00M CONTINUOUS EDGE OF CARRIAGEWAY LINE (RRM 027)
7. 1 NO. RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL.
8. PROPOSED FOOTWAY RE-GRADING AREA - 34.00M².
9. BUFF BLISTER TACTILE PAVING - 4.50M².
10. PROPOSED ROAD MARKINGS TO BE INSTALLED:
    - 50.45M X 3.30M BUS CAGE MARKING (RRM 030)
    - 1.20M PARKING BUFFER ZONE MARKING (RRM 012)
    - 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP - 9.00M.

NOTES:

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3. CO-ORDINATES SHOWN ON DRAWINGS REFERENCE DECIMAL DEGREES LATITUDE/LONGITUDE.
4. ALL UTILITIES SHOWN ARE INDICATIVE ONLY AND REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
5. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
6. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
7. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
8. INDICATIVE ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.
9. ANY VEGETATION OVERHANGING FOOTWAY OR CYCLE TRACK TO BE APPROPRIATELY MAINTAINED BY THE LOCAL AUTHORITY / BUS OPERATOR TO PREVENT OBSTRUCTIONS.

KEY:

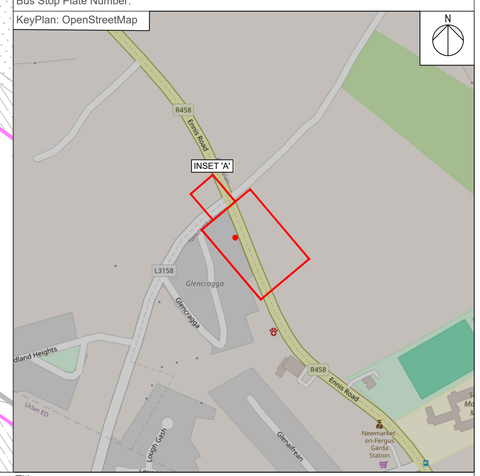
- PROPOSED 160MM ACCESSIBLE KERB
- PROPOSED ACCESSIBLE KERB TRANSITION
- PROPOSED ROAD MARKINGS
- PROPOSED BUFF BLISTER TACTILE PAVING
- PROPOSED BUS STOP POLE
- PROPOSED DROPPED KERB
- PROPOSED DROPPER KERB
- PROPOSED FOOTWAY RE-GRADING
- EXISTING ROAD MARKINGS
- EXISTING ROAD MARKINGS TO BE REMOVED
- EXISTING FOOTWAY TO BE RETAINED
- EXISTING GRASS VERGE
- EXISTING PLANTER
- SETTING OUT LINE
- INDICATIVE INFORMATION LINE

KEY (CONTINUED):

- EXISTING SIGNAGE TO BE RETAINED
- EXISTING LIGHTING COLUMN
- EXISTING GULLY
- EXISTING ABOVE GROUND SERVICES
- EXISTING SERVICE COVER
- EXISTING UTILITY POLE TO BE RETAINED
- EXISTING WALL TO BE RETAINED
- EXISTING TREE
- EXISTING KERB TO BE RETAINED
- EXISTING DROPPED KERB TO BE RETAINED
- EXISTING DROPPER KERB TO BE RETAINED

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	21/05/2025	SA	LB/MW	TJ	CONCEPT DESIGN FOR NTA REVIEW
P02	24/07/2025	LP	CM/MW	EH	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: MINISTERS CROSS (NMF), NORTHBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
24/07/2025	1:100 @ A1 1:200 @ A3	LP	CM/MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	134051	PTSDT-ACM-GEO_GA_0029_035-17-DR-CR-0001	1 of 1	S0	P02

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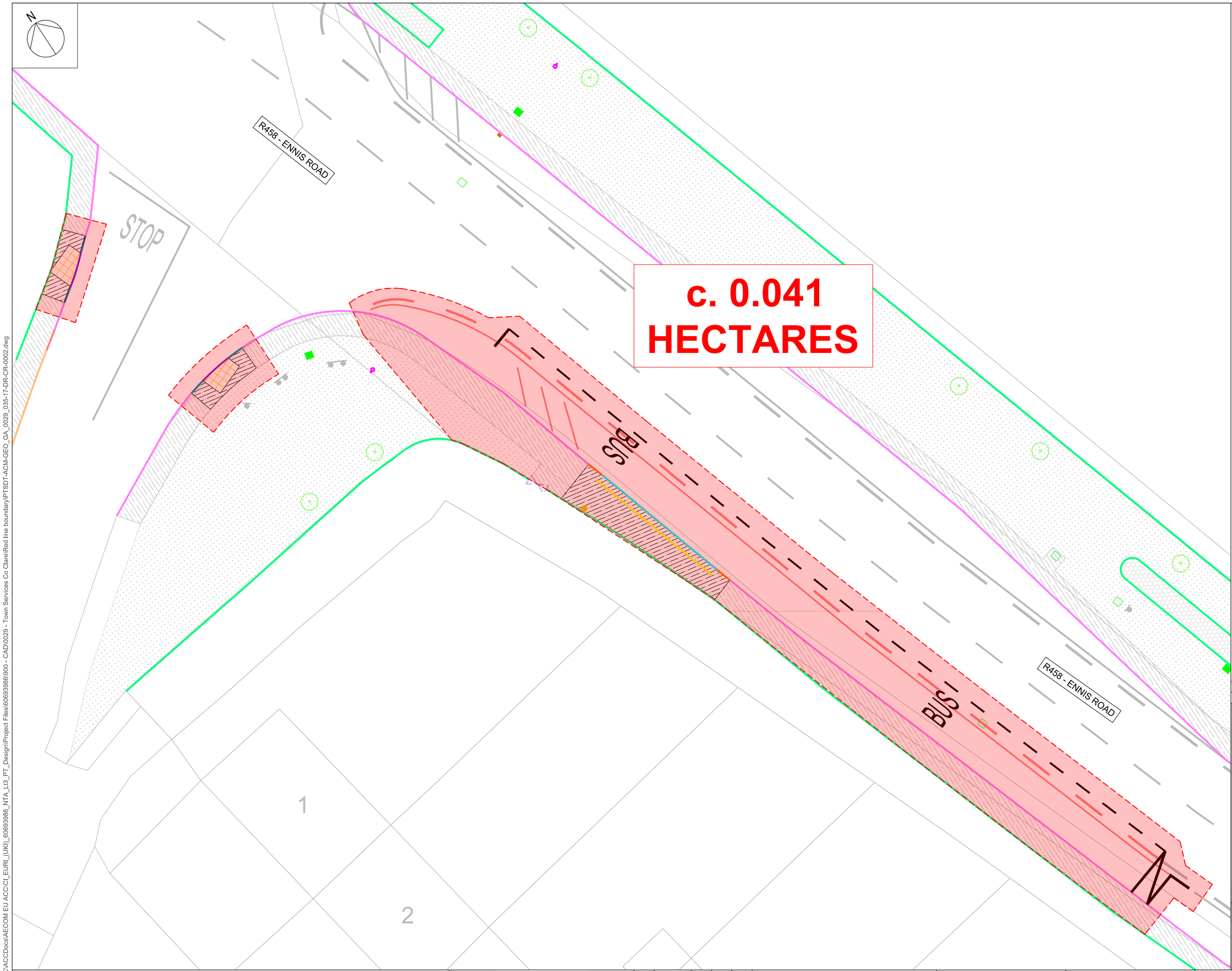

NOTES:

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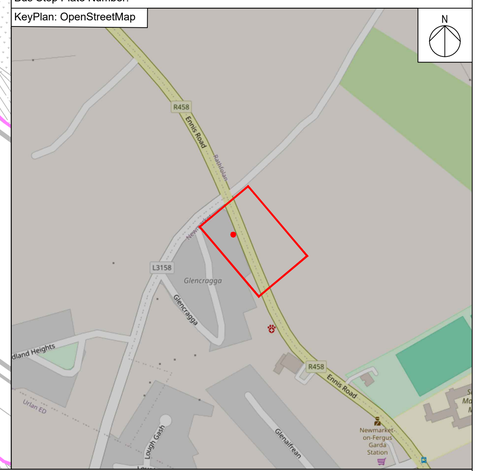
4. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
5. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
6. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
7. INDICATIVE LAYOUT AND ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.

KEY:

PROPOSED RED LINE BOUNDARY

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	26/09/2025	UV	MW	EH	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: MINISTERS CROSS (NMF), NORTHBOUND RED LINE BOUNDARY

Date	Scale	Drawn	Checked	Approved
26/09/2025	N.T.S @ A1 N.T.S @ A3	UV	MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	134051	PTSDT-ACM-GEO_GA_0029_035-17-DR-CR-0002	1 of 1	S0	P01

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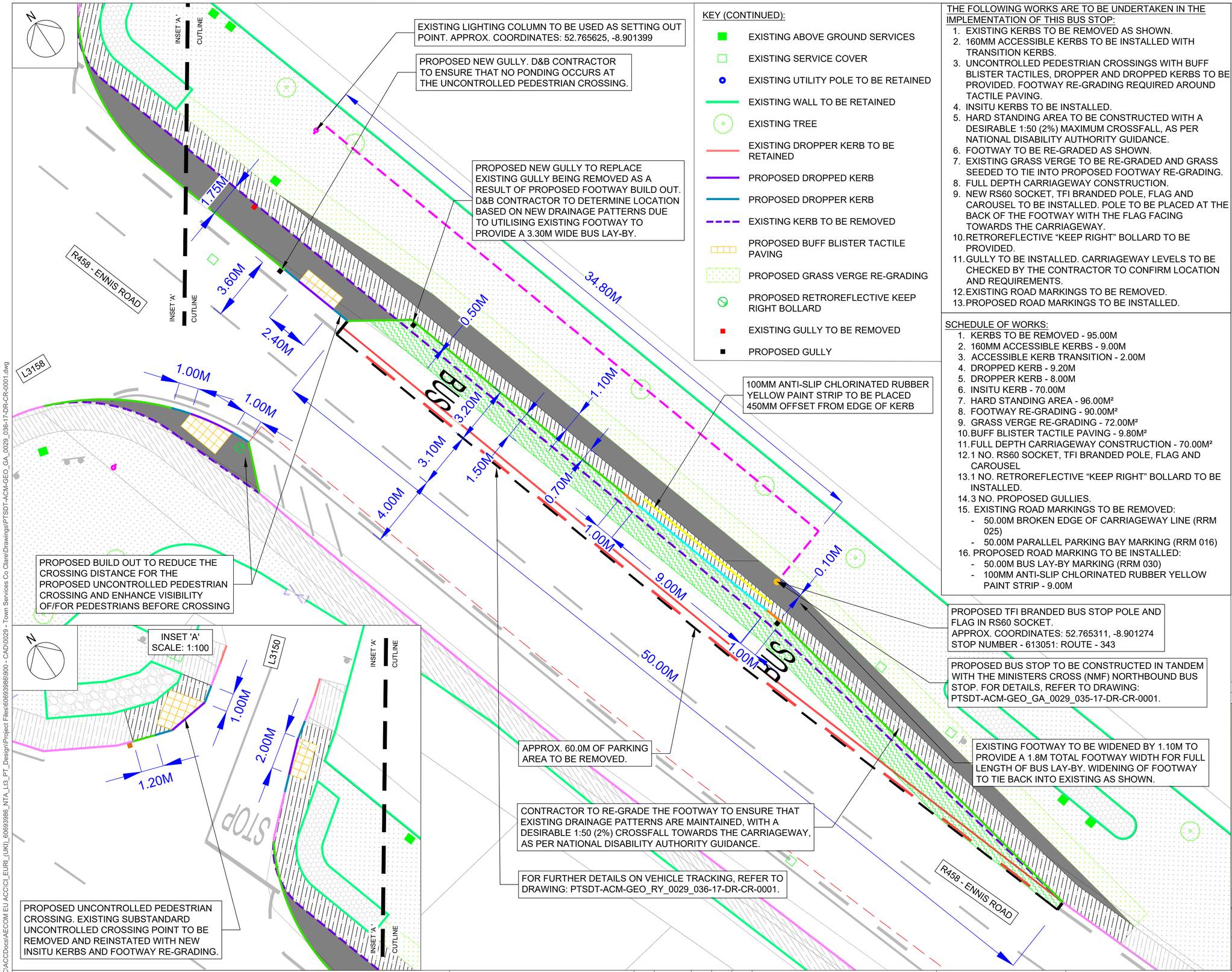

KEY (CONTINUED):

- EXISTING ABOVE GROUND SERVICES
- EXISTING SERVICE COVER
- EXISTING UTILITY POLE TO BE RETAINED
- EXISTING WALL TO BE RETAINED
- EXISTING TREE
- EXISTING DROPPER KERB TO BE RETAINED
- PROPOSED DROPPED KERB
- PROPOSED DROPPER KERB
- EXISTING KERB TO BE REMOVED
- PROPOSED BUFF BLISTER TACTILE PAVING
- PROPOSED GRASS VERGE RE-GRADING
- PROPOSED RETROREFLECTIVE KEEP RIGHT BOLLARD
- EXISTING GULLY TO BE REMOVED
- PROPOSED GULLY

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

1. EXISTING KERBS TO BE REMOVED AS SHOWN.
2. 160MM ACCESSIBLE KERBS TO BE INSTALLED WITH TRANSITION KERBS.
3. UNCONTROLLED PEDESTRIAN CROSSINGS WITH BUFF BLISTER TACTILES, DROPPER AND DROPPED KERBS TO BE PROVIDED. FOOTWAY RE-GRADING REQUIRED AROUND TACTILE PAVING.
4. INSITU KERBS TO BE INSTALLED.
5. HARD STANDING AREA TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAXIMUM CROSSFALL, AS PER NATIONAL DISABILITY AUTHORITY GUIDANCE.
6. FOOTWAY TO BE RE-GRADED AS SHOWN.
7. EXISTING GRASS VERGE TO BE RE-GRADED AND GRASS SEEDED TO TIE INTO PROPOSED FOOTWAY RE-GRADING.
8. FULL DEPTH CARRIAGEWAY CONSTRUCTION.
9. NEW RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED. POLE TO BE PLACED AT THE BACK OF THE FOOTWAY WITH THE FLAG FACING TOWARDS THE CARRIAGEWAY.
10. RETROREFLECTIVE "KEEP RIGHT" BOLLARD TO BE PROVIDED.
11. GULLY TO BE INSTALLED. CARRIAGEWAY LEVELS TO BE CHECKED BY THE CONTRACTOR TO CONFIRM LOCATION AND REQUIREMENTS.
12. EXISTING ROAD MARKINGS TO BE REMOVED.
13. PROPOSED ROAD MARKINGS TO BE INSTALLED.

SCHEDULE OF WORKS:

1. KERBS TO BE REMOVED - 95.00M
2. 160MM ACCESSIBLE KERBS - 9.00M
3. ACCESSIBLE KERB TRANSITION - 2.00M
4. DROPPED KERB - 9.20M
5. DROPPER KERB - 8.00M
6. INSITU KERB - 70.00M
7. HARD STANDING AREA - 96.00M²
8. FOOTWAY RE-GRADING - 90.00M²
9. GRASS VERGE RE-GRADING - 72.00M²
10. BUFF BLISTER TACTILE PAVING - 9.80M²
11. FULL DEPTH CARRIAGEWAY CONSTRUCTION - 70.00M²
12. 1 NO. RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL
13. 1 NO. RETROREFLECTIVE "KEEP RIGHT" BOLLARD TO BE INSTALLED.
14. 3 NO. PROPOSED GULLIES.
15. EXISTING ROAD MARKINGS TO BE REMOVED:
    - 50.00M BROKEN EDGE OF CARRIAGEWAY LINE (RRM 025)
    - 50.00M PARALLEL PARKING BAY MARKING (RRM 016)
16. PROPOSED ROAD MARKING TO BE INSTALLED:
    - 50.00M BUS LAY-BY MARKING (RRM 030)
    - 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP - 9.00M

NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
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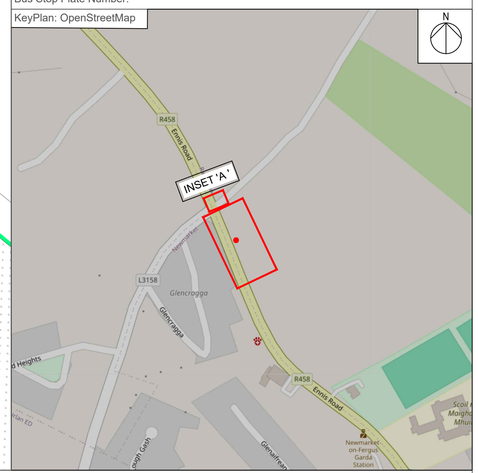
4. ALL UTILITIES SHOWN ARE INDICATIVE ONLY AND REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
5. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
6. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
7. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
8. INDICATIVE ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.
9. ANY VEGETATION OVERHANGING FOOTWAY OR CYCLE TRACK TO BE APPROPRIATELY MAINTAINED BY THE LOCAL AUTHORITY / BUS OPERATOR TO PREVENT OBSTRUCTIONS.

KEY:

- PROPOSED INSITU KERB
- PROPOSED 160MM ACCESSIBLE KERB
- PROPOSED ACCESSIBLE KERB TRANSITION
- PROPOSED HARD STANDING AREA
- PROPOSED ROAD MARKINGS
- PROPOSED BUS STOP POLE
- PROPOSED FOOTWAY RE-GRADING
- EXISTING ROAD MARKINGS
- EXISTING ROAD MARKINGS TO BE REMOVED
- EXISTING FOOTWAY TO BE RETAINED
- EXISTING GRASS VERGE
- EXISTING PLANTER
- SETTING OUT LINE
- INDICATIVE INFORMATION LINE
- EXISTING SIGNAGE TO BE RETAINED
- EXISTING LIGHTING COLUMN
- EXISTING GULLY
- PROPOSED CARRIAGEWAY (FULL DEPTH CONST.)

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



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Project Ireland 2040
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Rev	Date	Drn	Chk'd	App'd	Description
P01	21/05/2025	SA	LB/MW	TJ	CONCEPT DESIGN FOR NTA REVIEW
P02	24/07/2025	SA	CM/MW	EH	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: MINISTERS CROSS (NMF), SOUTHBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
24/07/2025	1:100 @ A1, 1:200 @ A3	SA	CM/MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	613051	PTSDT-ACM-GEO_GA_0029_036-17-DR-CR-0001	1 of 1	S0	P02

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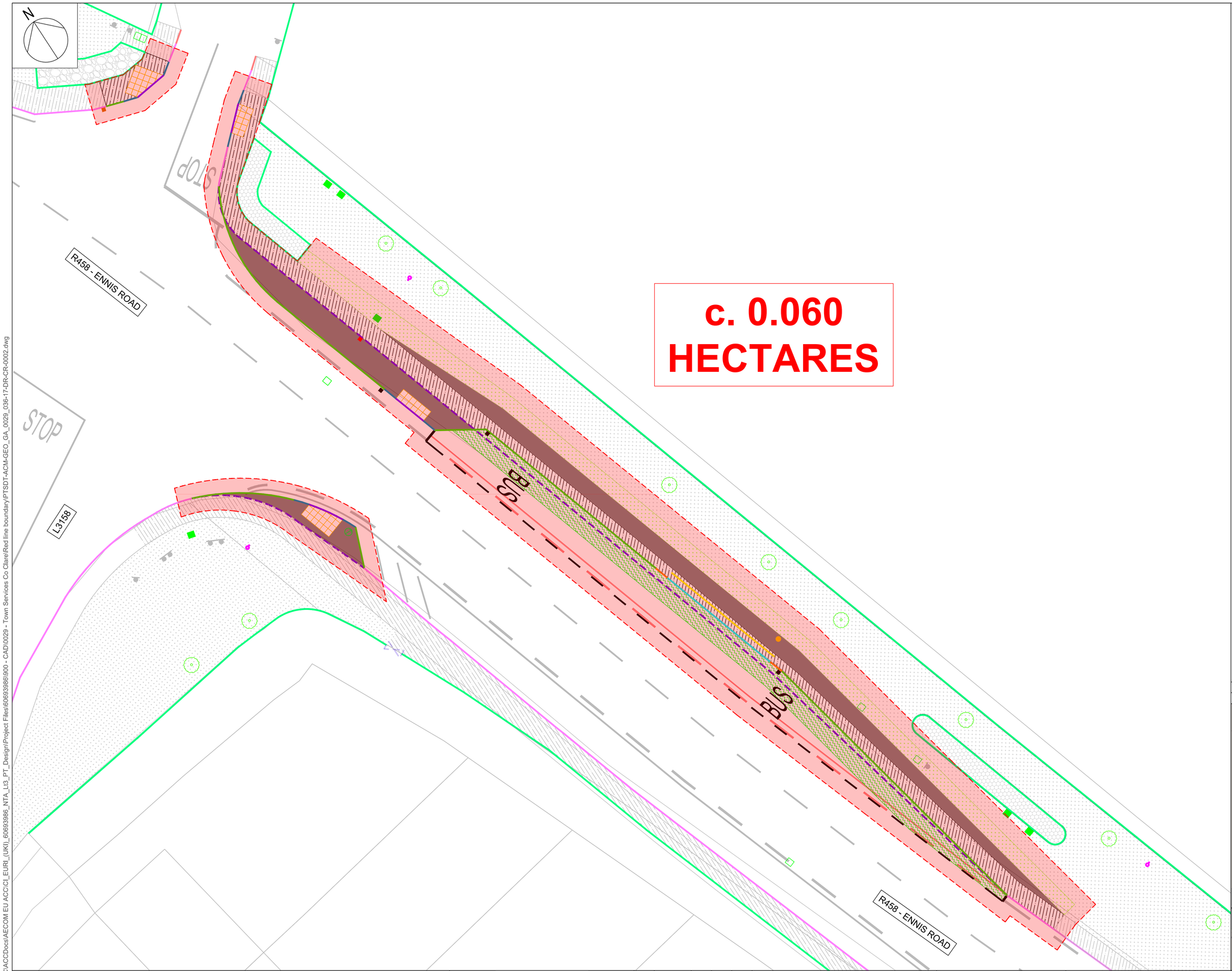

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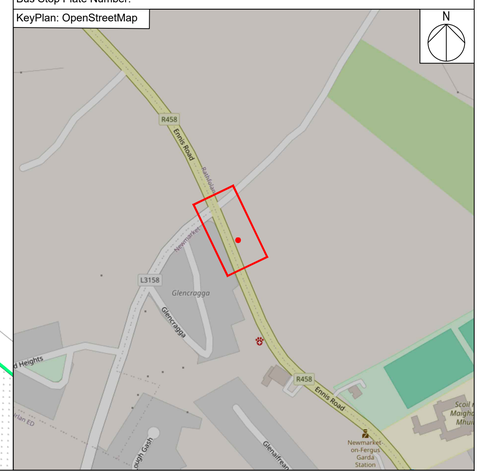
KEY:

PROPOSED RED LINE BOUNDARY

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



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Rev	Date	Drn	Chk'd	App'd	Description
P01	26/09/2025	UV	MW	EH	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: MINISTERS CROSS (NMF), SOUTHBOUND RED LINE BOUNDARY

Date	Scale	Drawn	Checked	Approved
26/09/2025	N.T.S @ A1 N.T.S @ A3	UV	MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	613051	PTSDT-ACM-GEO_GA_0029_036-17-DR-CR-0002	1 of 1	S0	P01

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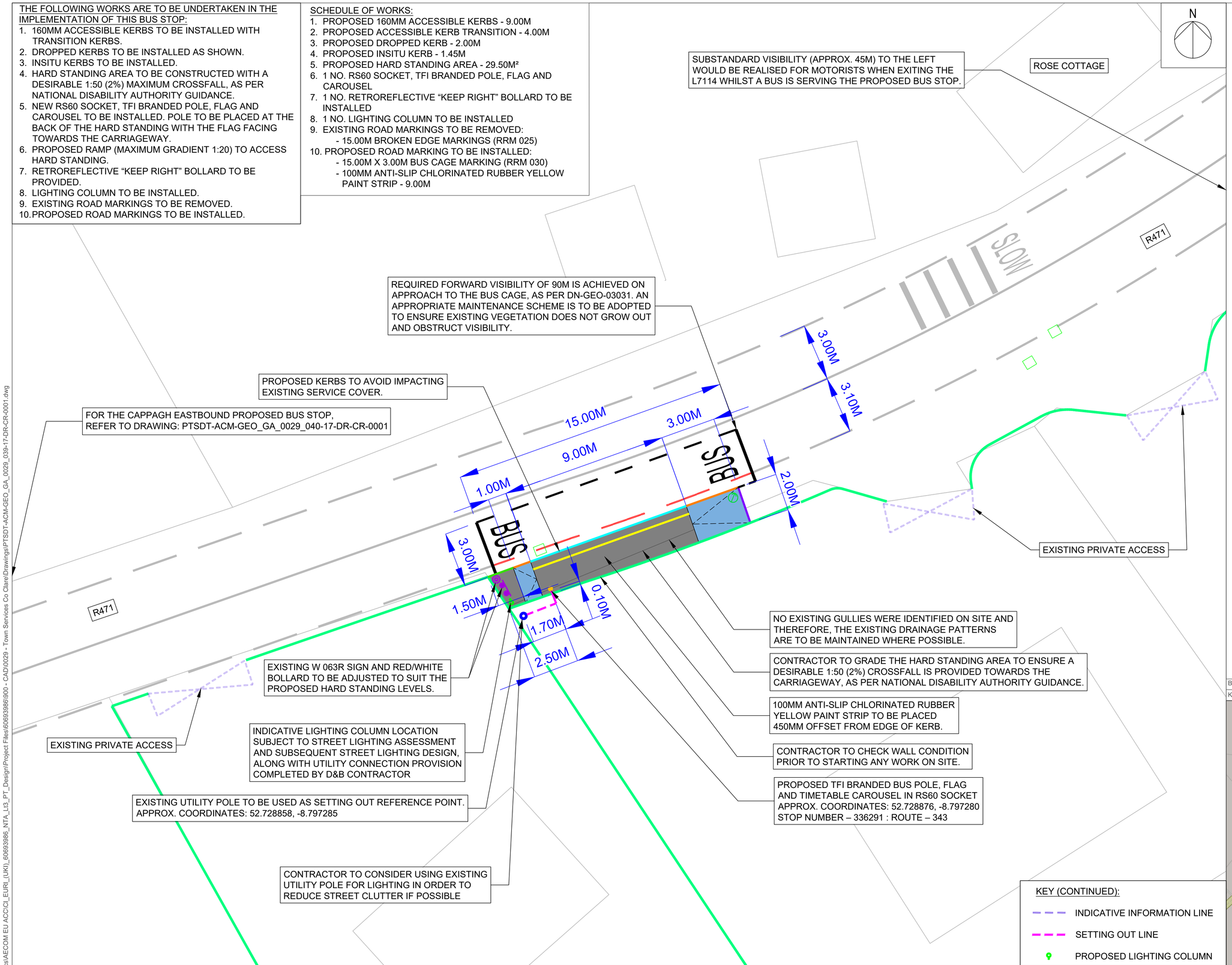
THE FOLLOWING WORKS ARE TO BE UNDERTAKEN IN THE IMPLEMENTATION OF THIS BUS STOP:

1. 160MM ACCESSIBLE KERBS TO BE INSTALLED WITH TRANSITION KERBS.
2. DROPPED KERBS TO BE INSTALLED AS SHOWN.
3. INSITU KERBS TO BE INSTALLED.
4. HARD STANDING AREA TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAXIMUM CROSSFALL, AS PER NATIONAL DISABILITY AUTHORITY GUIDANCE.
5. NEW RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED. POLE TO BE PLACED AT THE BACK OF THE HARD STANDING WITH THE FLAG FACING TOWARDS THE CARRIAGEWAY.
6. PROPOSED RAMP (MAXIMUM GRADIENT 1:20) TO ACCESS HARD STANDING.
7. RETROREFLECTIVE "KEEP RIGHT" BOLLARD TO BE PROVIDED.
8. LIGHTING COLUMN TO BE INSTALLED.
9. EXISTING ROAD MARKINGS TO BE REMOVED.
10. PROPOSED ROAD MARKINGS TO BE INSTALLED.

SCHEDULE OF WORKS:

1. PROPOSED 160MM ACCESSIBLE KERBS - 9.00M
2. PROPOSED ACCESSIBLE KERB TRANSITION - 4.00M
3. PROPOSED DROPPED KERB - 2.00M
4. PROPOSED INSITU KERB - 1.45M
5. PROPOSED HARD STANDING AREA - 29.50M²
6. 1 NO. RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL
7. 1 NO. RETROREFLECTIVE "KEEP RIGHT" BOLLARD TO BE INSTALLED
8. 1 NO. LIGHTING COLUMN TO BE INSTALLED
9. EXISTING ROAD MARKINGS TO BE REMOVED:
   - 15.00M BROKEN EDGE MARKINGS (RRM 025)
10. PROPOSED ROAD MARKING TO BE INSTALLED:
   - 15.00M X 3.00M BUS CAGE MARKING (RRM 030)
   - 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP - 9.00M



NOTES:

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3. CO-ORDINATES SHOWN ON DRAWINGS REFERENCE DECIMAL DEGREES LATITUDE/LONGITUDE.
4. ALL UTILITIES SHOWN ARE INDICATIVE ONLY AND REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
5. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
6. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
7. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
8. INDICATIVE ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.
9. ANY VEGETATION OVERHANGING FOOTWAY OR CYCLE TRACK TO BE APPROPRIATELY MAINTAINED BY THE LOCAL AUTHORITY TO PREVENT OBSTRUCTIONS.

KEY:

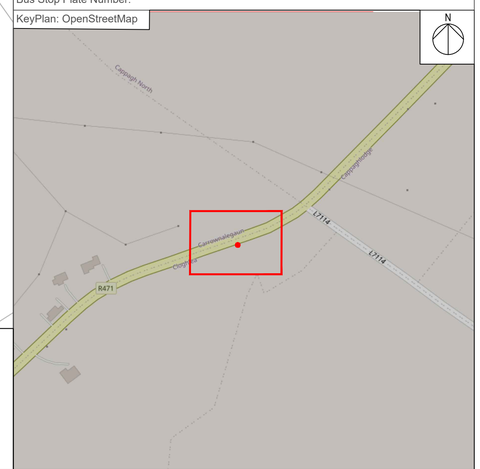
- PROPOSED ROAD MARKINGS
- EXISTING ROAD MARKINGS
- PROPOSED BUS STOP POLE
- PROPOSED 160MM ACCESSIBLE KERB
- PROPOSED INSITU KERB
- PROPOSED ACCESSIBLE KERB TRANSITION
- PROPOSED DROPPED KERB
- PROPOSED HARD STANDING AREA
- PROPOSED RAMP GRADIENT
- PROPOSED RETRO-REFLECTIVE KEEP RIGHT BOLLARD
- EXISTING WALL
- EXISTING SIGNAGE TO BE RELOCATED
- EXISTING UTILITY POLE
- EXISTING SERVICE COVER
- EXISTING ROAD MARKINGS TO BE REMOVED
- EXISTING BOLLARD TO BE RELOCATED

KEY (CONTINUED):

- INDICATIVE INFORMATION LINE
- SETTING OUT LINE
- PROPOSED LIGHTING COLUMN

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	21/05/2025	UV	MW/LB	TJ	CONCEPT DESIGN FOR NTA REVIEW
P02	24/07/2025	RK	CM/MW	EH	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: CAPPAGH, WESTBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
24/07/2025	1:100 @ A1 1:200 @ A3	RK	CM/MW	EH

Phase	Route	Stop Number
1	343	336291

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0029_039-17-DR-CR-0001	1 of 1	S0	P02

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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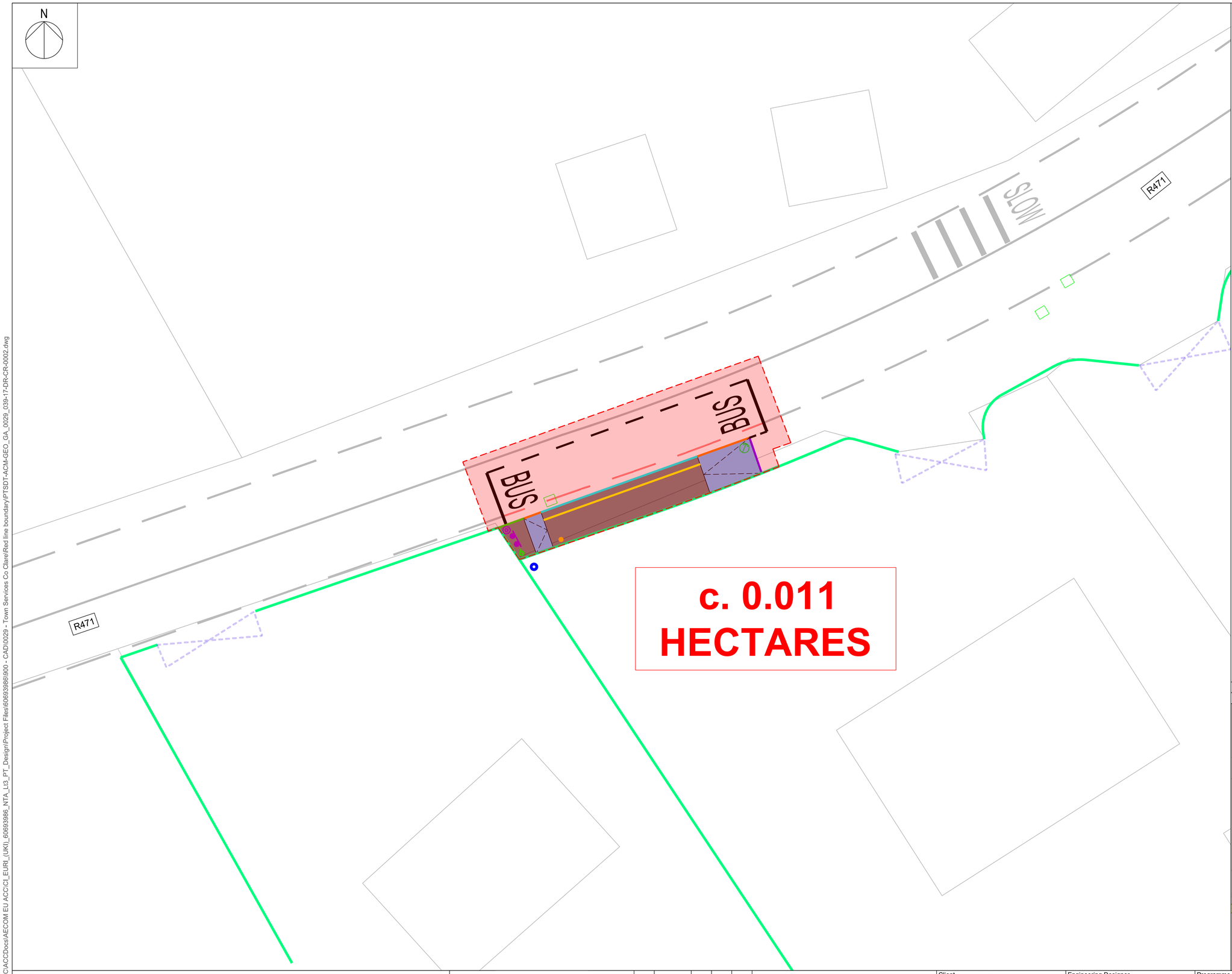

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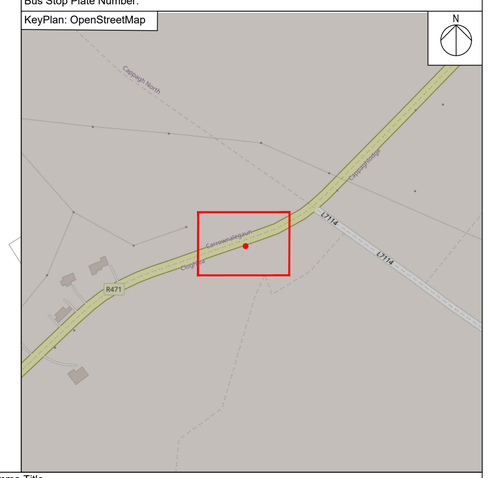
5. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
6. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
7. INDICATIVE LAYOUT AND ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.

KEY:

PROPOSED RED LINE BOUNDARY

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	26/09/2025	UV	MW	EH	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: CAPPAGH, WESTBOUND RED LINE BOUNDARY

Date	Scale	Drawn	Checked	Approved
26/09/2025	1:100 @ A1 1:200 @ A3	UV	MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	336291	PTSDT-ACM-GEO_GA_0029_039-17-DR-CR-0002	1 of 1	S0	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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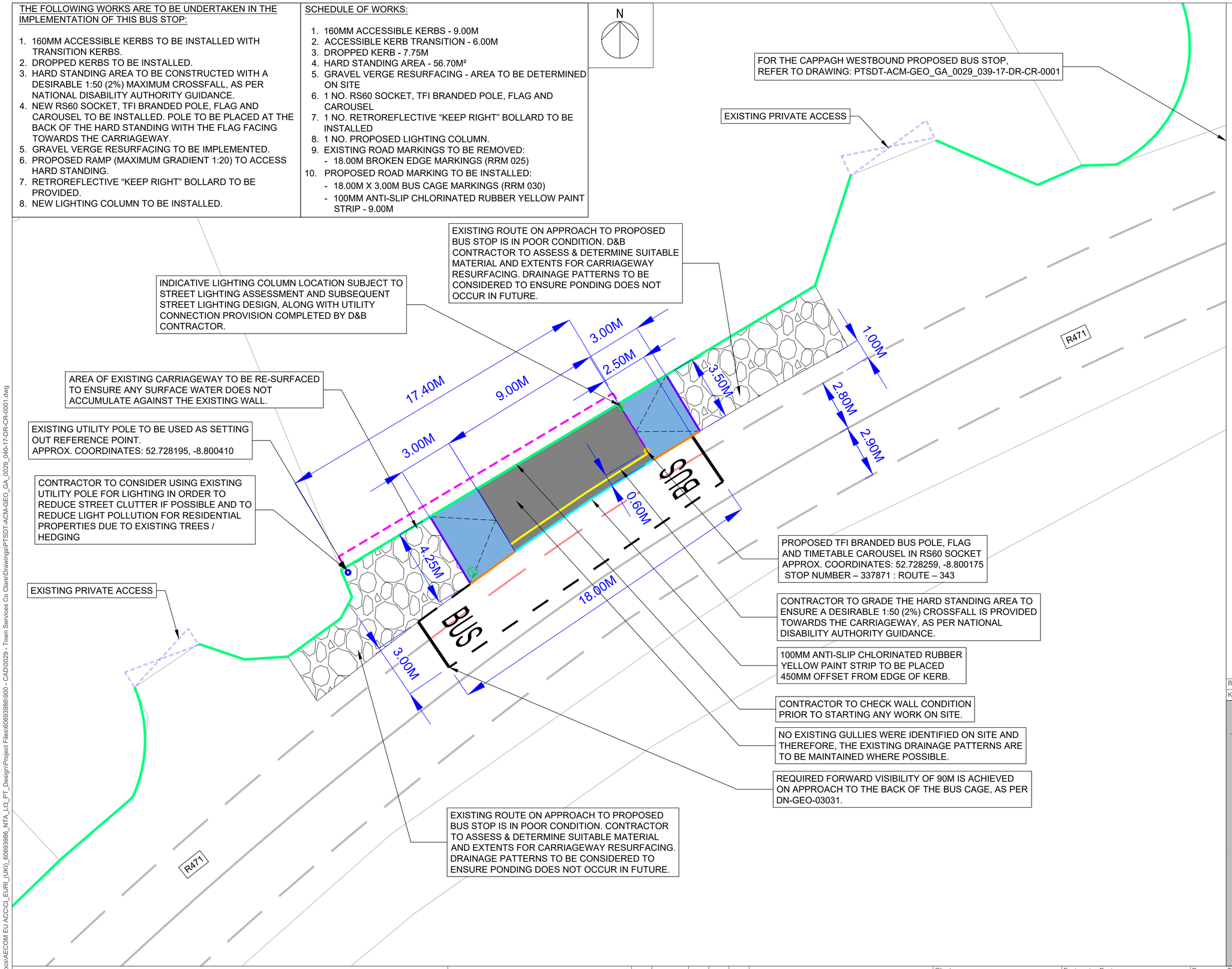
THE FOLLOWING WORKS ARE TO BE UNDERTAKEN IN THE IMPLEMENTATION OF THIS BUS STOP:

1. 160MM ACCESSIBLE KERBS TO BE INSTALLED WITH TRANSITION KERBS.
2. DROPPED KERBS TO BE INSTALLED.
3. HARD STANDING AREA TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAXIMUM CROSSFALL, AS PER NATIONAL DISABILITY AUTHORITY GUIDANCE.
4. NEW RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED. POLE TO BE PLACED AT THE BACK OF THE HARD STANDING WITH THE FLAG FACING TOWARDS THE CARRIAGEWAY.
5. GRAVEL VERGE RESURFACING TO BE IMPLEMENTED.
6. PROPOSED RAMP (MAXIMUM GRADIENT 1:20) TO ACCESS HARD STANDING.
7. RETROREFLECTIVE "KEEP RIGHT" BOLLARD TO BE PROVIDED.
8. NEW LIGHTING COLUMN TO BE INSTALLED.

SCHEDULE OF WORKS:

1. 160MM ACCESSIBLE KERBS - 9.00M
2. ACCESSIBLE KERB TRANSITION - 6.00M
3. DROPPED KERB - 7.75M
4. HARD STANDING AREA - 56.70M²
5. GRAVEL VERGE RESURFACING - AREA TO BE DETERMINED ON SITE
6. 1 NO. RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL
7. 1 NO. RETROREFLECTIVE "KEEP RIGHT" BOLLARD TO BE INSTALLED
8. 1 NO. PROPOSED LIGHTING COLUMN.
9. EXISTING ROAD MARKINGS TO BE REMOVED:
   - 18.00M BROKEN EDGE MARKINGS (RRM 025)
10. PROPOSED ROAD MARKING TO BE INSTALLED:
   - 18.00M X 3.00M BUS CAGE MARKINGS (RRM 030)
   - 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP - 9.00M



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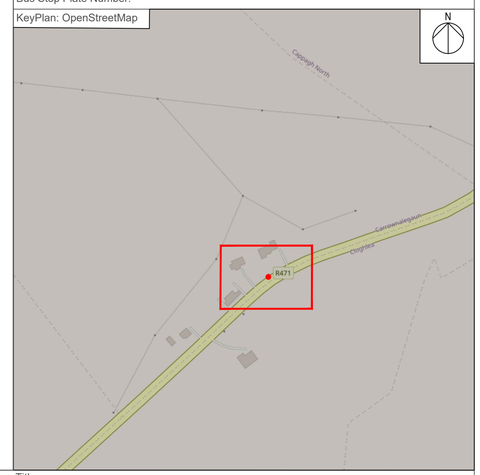
KEY:

- PROPOSED ROAD MARKINGS
- EXISTING ROAD MARKINGS
- PROPOSED BUS STOP POLE
- PROPOSED 160MM ACCESSIBLE KERB
- PROPOSED ACCESSIBLE KERB TRANSITION
- PROPOSED DROPPED KERB
- PROPOSED HARD STANDING AREA
- PROPOSED RAMP GRADIENT
- PROPOSED KEEP RIGHT BOLLARD
- EXISTING WALL
- EXISTING UTILITY POLE
- EXISTING SERVICE COVER
- PROPOSED LIGHTING COLUMN
- EXISTING ROAD MARKINGS TO BE REMOVED
- INDICATIVE INFORMATION LINE
- SETTING OUT LINE
- PROPOSED GRAVEL VERGE RESURFACING

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	21/05/2025	UV	MW	TJ	CONCEPT DESIGN FOR NTA REVIEW
P02	24/07/2025	RK	CM/MW	EH	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: CAPPAGH, EASTBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
24/07/2025	1:100 @ A1 1:200 @ A3	RK	CM/MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	337871	PTSDT-ACM-GEO_GA_0029_040-17-DR-CR-0001	1 of 1	S0	P02

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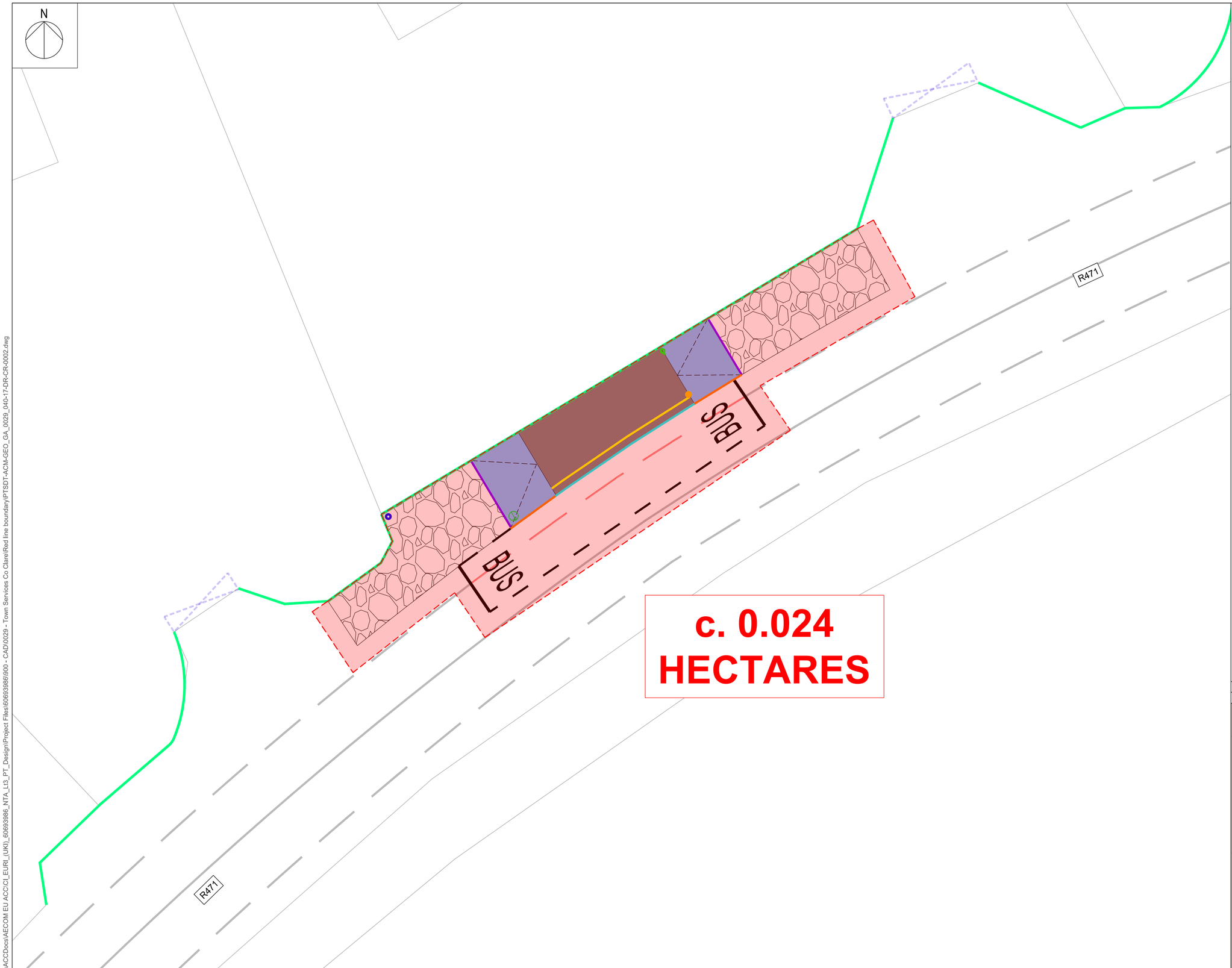

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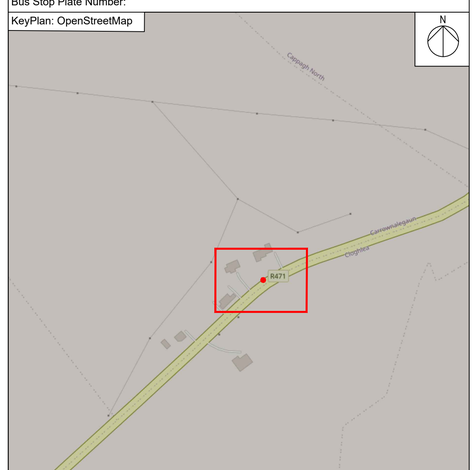
7. INDICATIVE LAYOUT AND ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.

KEY:

PROPOSED RED LINE BOUNDARY

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	26/09/2025	UV	MW	EH	ISSUE FOR PRELIMINARY DESIGN

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: AECOM

Date	Scale	Drawn	Checked	Approved
26/09/2025	1:100 @ A1 1:200 @ A3	UV	MW	EH

Phase	Route	Stop Number
1	343	337871

Programme Title: PUBLIC TRANSPORT STOP DESIGN TEAM SERVICES

Drawing Title: CAPPAGH, EASTBOUND RED LINE BOUNDARY

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0029_040-17-DR-CR-0002	1 of 1	S0	P01

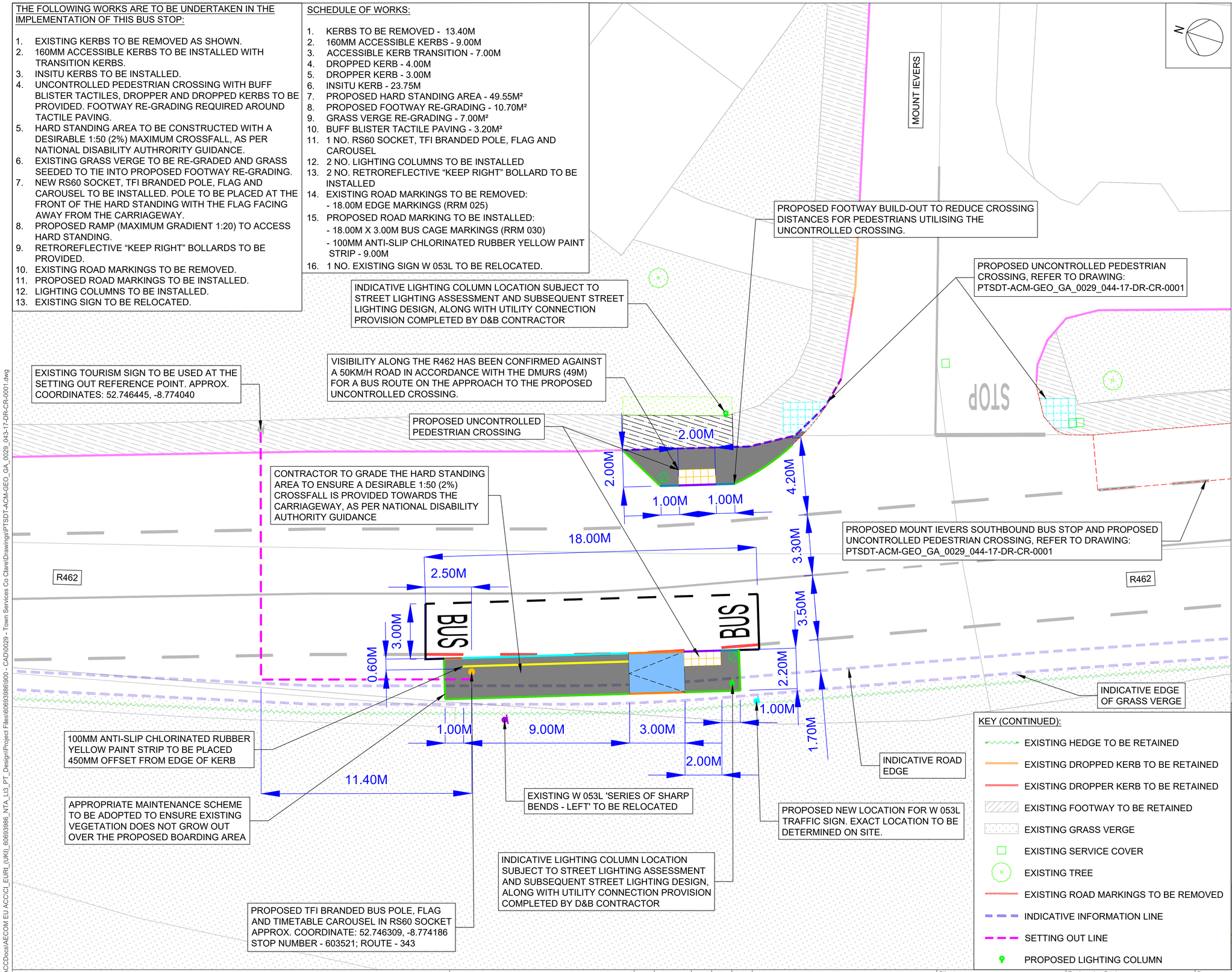
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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

1. EXISTING KERBS TO BE REMOVED AS SHOWN.
2. 160MM ACCESSIBLE KERBS TO BE INSTALLED WITH TRANSITION KERBS.
3. INSITU KERBS TO BE INSTALLED.
4. UNCONTROLLED PEDESTRIAN CROSSING WITH BUFF BLISTER TACTILES, DROPPER AND DROPPED KERBS TO BE PROVIDED. FOOTWAY RE-GRADING REQUIRED AROUND TACTILE PAVING.
5. HARD STANDING AREA TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAXIMUM CROSSFALL, AS PER NATIONAL DISABILITY AUTHRORITY GUIDANCE.
6. EXISTING GRASS VERGE TO BE RE-GRADED AND GRASS SEEDED TO TIE INTO PROPOSED FOOTWAY RE-GRADING.
7. NEW RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED. POLE TO BE PLACED AT THE FRONT OF THE HARD STANDING WITH THE FLAG FACING AWAY FROM THE CARRIAGEWAY.
8. PROPOSED RAMP (MAXIMUM GRADIENT 1:20) TO ACCESS HARD STANDING.
9. RETROREFLECTIVE "KEEP RIGHT" BOLLARDS TO BE PROVIDED.
10. EXISTING ROAD MARKINGS TO BE REMOVED.
11. PROPOSED ROAD MARKINGS TO BE INSTALLED.
12. LIGHTING COLUMNS TO BE INSTALLED.
13. EXISTING SIGN TO BE RELOCATED.

SCHEDULE OF WORKS:

1. KERBS TO BE REMOVED - 13.40M
2. 160MM ACCESSIBLE KERBS - 9.00M
3. ACCESSIBLE KERB TRANSITION - 7.00M
4. DROPPED KERB - 4.00M
5. DROPPER KERB - 3.00M
6. INSITU KERB - 23.75M
7. PROPOSED HARD STANDING AREA - 49.55M²
8. PROPOSED FOOTWAY RE-GRADING - 10.70M²
9. GRASS VERGE RE-GRADING - 7.00M²
10. BUFF BLISTER TACTILE PAVING - 3.20M²
11. 1 NO. RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL
12. 2 NO. LIGHTING COLUMNS TO BE INSTALLED
13. 2 NO. RETROREFLECTIVE "KEEP RIGHT" BOLLARD TO BE INSTALLED
14. EXISTING ROAD MARKINGS TO BE REMOVED:
    - 18.00M EDGE MARKINGS (RRM 025)
15. PROPOSED ROAD MARKING TO BE INSTALLED:
    - 18.00M X 3.00M BUS CAGE MARKINGS (RRM 030)
    - 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP - 9.00M
16. 1 NO. EXISTING SIGN W 053L TO BE RELOCATED.



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9. VEGETATION OVERHANGING FOOTWAY OR CYCLEWAY TO BE MAINTAINED BY THE LOCAL AUTHORITY TO PREVENT OBSTRUCTIONS.

KEY:

- PROPOSED IN SITU KERB
- PROPOSED 160MM ACCESSIBLE KERB
- PROPOSED ACCESSIBLE KERB TRANSITION
- PROPOSED DROPPED KERB
- PROPOSED DROPPER KERB
- PROPOSED ROAD MARKINGS
- PROPOSED BUFF BLISTER TACTILE PAVING
- PROPOSED BUS STOP POLE
- PROPOSED RETROREFLECTIVE 'KEEP RIGHT' BOLLARD
- PROPOSED HARD STANDING AREA
- PROPOSED RAMP GRADIENT
- PROPOSED FOOTWAY RE-GRADING
- PROPOSED GRASS VERGE RE-GRADING
- PROPOSED SIGNAGE
- EXISTING SIGNAGE TO BE RETAINED
- EXISTING SIGNAGE TO BE RELOCATED
- EXISTING KERB TO BE RETAINED
- EXISTING ROAD MARKINGS

KEY (CONTINUED):

- EXISTING HEDGE TO BE RETAINED
- EXISTING DROPPED KERB TO BE RETAINED
- EXISTING DROPPER KERB TO BE RETAINED
- EXISTING FOOTWAY TO BE RETAINED
- EXISTING GRASS VERGE
- EXISTING SERVICE COVER
- EXISTING TREE
- EXISTING ROAD MARKINGS TO BE REMOVED
- INDICATIVE INFORMATION LINE
- SETTING OUT LINE
- PROPOSED LIGHTING COLUMN

Bus Stop Plate Number:

KeyPlan: OpenStreetMap

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Project Ireland 2040
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Rev	Date	Drn	Chk'd	App'd	Description
P01	21/05/2025	SR	MW/LB	TJ	CONCEPT DESIGN FOR NTA REVIEW
P02	24/07/2025	RK	CM/MW	EH	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: MOUNT IEVERS, NORTHBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
24/07/2025	1:100 @ A1 1:200 @ A3	RK	CM/MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	603521	PTSDT-ACM-GEO_GA_0029_043-17-DR-CR-0001	1 of 1	S0	P02

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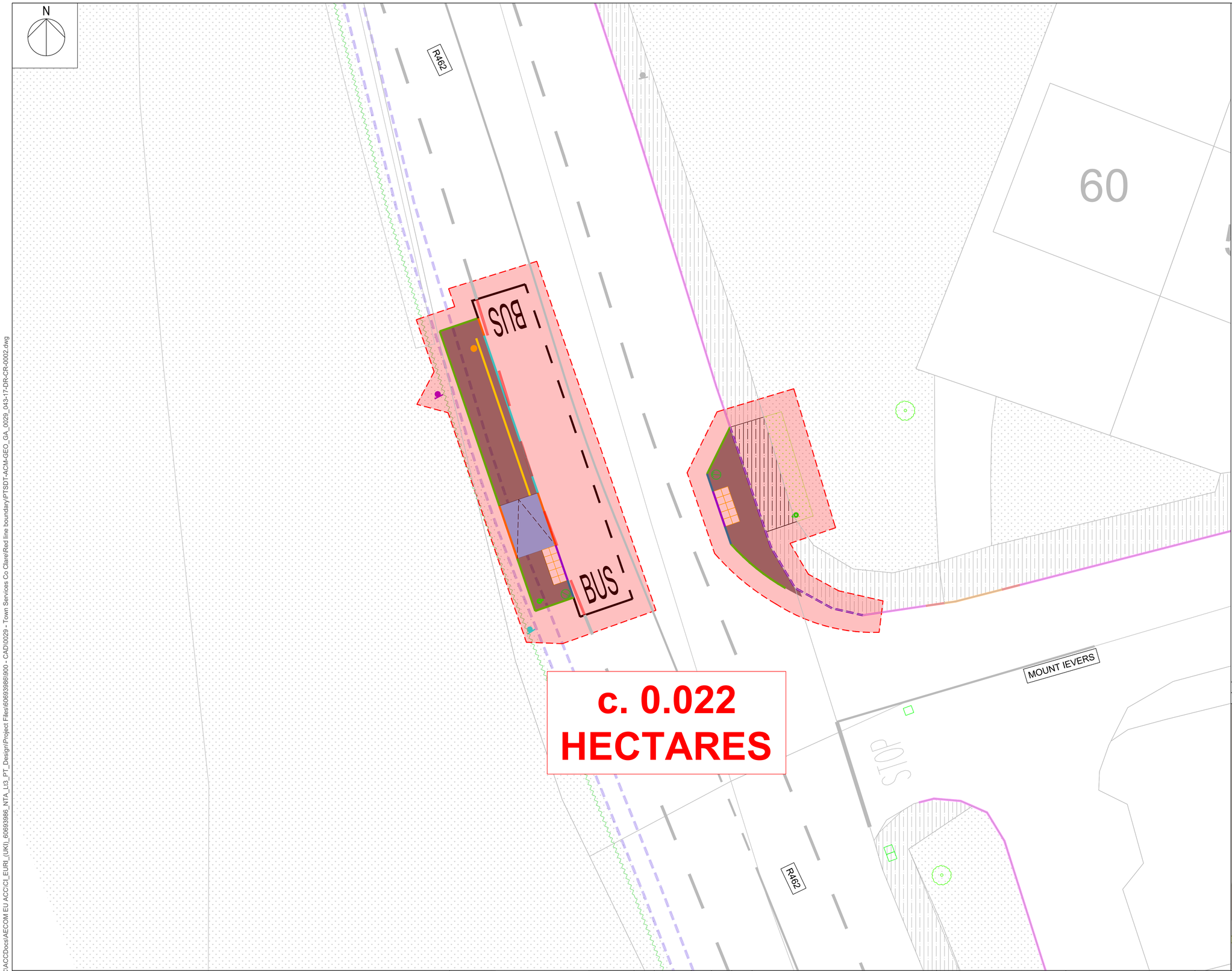

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4. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
5. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
6. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
7. INDICATIVE LAYOUT AND ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.

KEY:

PROPOSED RED LINE BOUNDARY

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	26/09/2025	UV	MW	EH	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: MOUNT IEVERS, NORTHBOUND RED LINE BOUNDARY

Date	Scale	Drawn	Checked	Approved
26/09/2025	1:100 @ A1 1:200 @ A3	UV	MW	EH

Phase	Route	Stop Number
1	343	603521

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0029_043-17-DR-CR-0002	1 of 1	S0	P01

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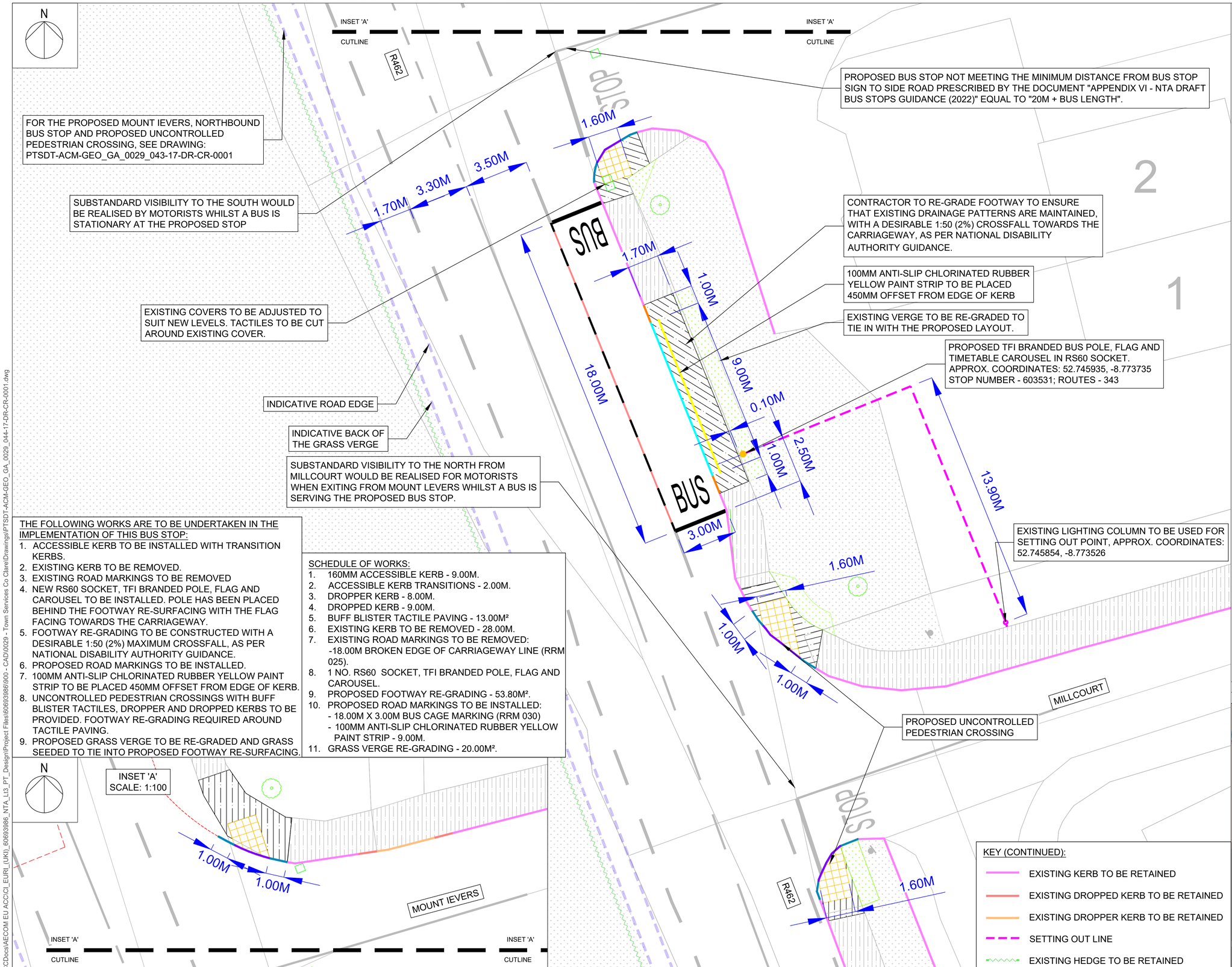

THE FOLLOWING WORKS ARE TO BE UNDERTAKEN IN THE IMPLEMENTATION OF THIS BUS STOP:

1. ACCESSIBLE KERB TO BE INSTALLED WITH TRANSITION KERBS.
2. EXISTING KERB TO BE REMOVED.
3. EXISTING ROAD MARKINGS TO BE REMOVED
4. NEW RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL TO BE INSTALLED. POLE HAS BEEN PLACED BEHIND THE FOOTWAY RE-SURFACING WITH THE FLAG FACING TOWARDS THE CARRIAGEWAY.
5. FOOTWAY RE-GRADING TO BE CONSTRUCTED WITH A DESIRABLE 1:50 (2%) MAXIMUM CROSSFALL, AS PER NATIONAL DISABILITY AUTHORITY GUIDANCE.
6. PROPOSED ROAD MARKINGS TO BE INSTALLED.
7. 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP TO BE PLACED 450MM OFFSET FROM EDGE OF KERB.
8. UNCONTROLLED PEDESTRIAN CROSSINGS WITH BUFF BLISTER TACTILES, DROPPER AND DROPPED KERBS TO BE PROVIDED. FOOTWAY RE-GRADING REQUIRED AROUND TACTILE PAVING.
9. PROPOSED GRASS VERGE TO BE RE-GRADED AND GRASS SEEDED TO TIE INTO PROPOSED FOOTWAY RE-SURFACING.

SCHEDULE OF WORKS:

1. 160MM ACCESSIBLE KERB - 9.00M.
2. ACCESSIBLE KERB TRANSITIONS - 2.00M.
3. DROPPER KERB - 8.00M.
4. DROPPED KERB - 9.00M.
5. BUFF BLISTER TACTILE PAVING - 13.00M²
6. EXISTING KERB TO BE REMOVED - 28.00M.
7. EXISTING ROAD MARKINGS TO BE REMOVED:
   -18.00M BROKEN EDGE OF CARRIAGEWAY LINE (RRM 025).
8. 1 NO. RS60 SOCKET, TFI BRANDED POLE, FLAG AND CAROUSEL.
9. PROPOSED FOOTWAY RE-GRADING - 53.80M².
10. PROPOSED ROAD MARKINGS TO BE INSTALLED:
    - 18.00M X 3.00M BUS CAGE MARKING (RRM 030)
    - 100MM ANTI-SLIP CHLORINATED RUBBER YELLOW PAINT STRIP - 9.00M.
11. GRASS VERGE RE-GRADING - 20.00M².

NOTES:

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3. CO-ORDINATES SHOWN ON DRAWINGS REFERENCE DECIMAL DEGREES LATITUDE/LONGITUDE.
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5. TO BE READ IN CONJUNCTION WITH THE SAFETY FILE AND DESIGNERS RISK ASSESSMENT.
6. NO TOPOGRAPHIC SURVEY WAS CARRIED OUT PRIOR TO THE DESIGN SHOWN ON THIS DRAWING.
7. SITE CONDITIONS TO BE CHECKED BY THE CONTRACTOR BEFORE PROCEEDING TO ANY TASK.
8. INDICATIVE ROAD MARKINGS HAVE BEEN PREPARED BASED ON AERIAL IMAGERY. ROAD MARKING LAYOUT TO BE CHECKED BY CONTRACTOR.
9. VEGETATION OVERHANGING FOOTWAY OR CYCLEWAY TO BE MAINTAINED BY THE LOCAL AUTHORITY TO PREVENT OBSTRUCTIONS.

KEY:

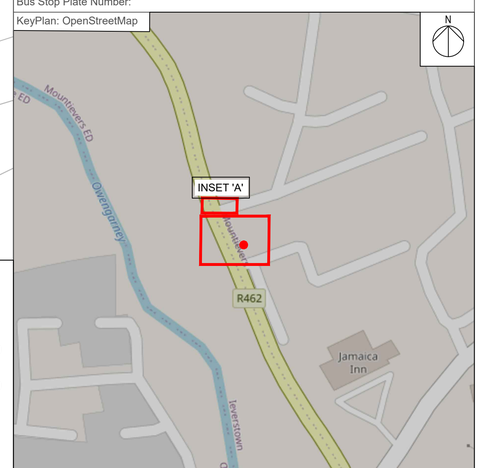
- PROPOSED ACCESSIBLE KERB 160MM
- PROPOSED ACCESSIBLE KERB TRANSITION
- PROPOSED DROPPED KERB
- PROPOSED DROPPER KERB
- PROPOSED ROAD MARKINGS
- PROPOSED BUFF BLISTER TACTILE PAVING
- PROPOSED BUS STOP POLE
- PROPOSED FOOTWAY RE-GRADING
- PROPOSED GRASS VERGE RE-GRADING
- EXISTING SIGNAGE TO BE RETAINED
- EXISTING ROAD MARKINGS
- EXISTING FOOTWAY TO BE RETAINED
- EXISTING GRASS VERGE
- EXISTING SERVICE COVER
- EXISTING TREE
- EXISTING LIGHTING COLUMN
- INDICATIVE INFORMATION LINE
- EXISTING ROAD MARKING TO BE REMOVED

KEY (CONTINUED):

- EXISTING KERB TO BE RETAINED
- EXISTING DROPPED KERB TO BE RETAINED
- EXISTING DROPPER KERB TO BE RETAINED
- SETTING OUT LINE
- EXISTING HEDGE TO BE RETAINED

Bus Stop Plate Number:

KeyPlan: OpenStreetMap



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P01	21/05/2025	SR	MW/LB	TJ	CONCEPT DESIGN FOR NTA REVIEW
P02	24/07/2025	RK	CM/MW	EH	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: MOUNT IEVERS, SOUTHBOUND PROPOSED BUS STOP GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
24/07/2025	1:100 @ A1 1:200 @ A3	RK	CM/MW	EH

Phase	Route	Stop Number	Drawing File Name	Sheet Number	Status	Rev
1	343	603531	PTSDT-ACM-GEO_GA_0029_044-17-DR-CR-0001	1 of 1	S0	P02

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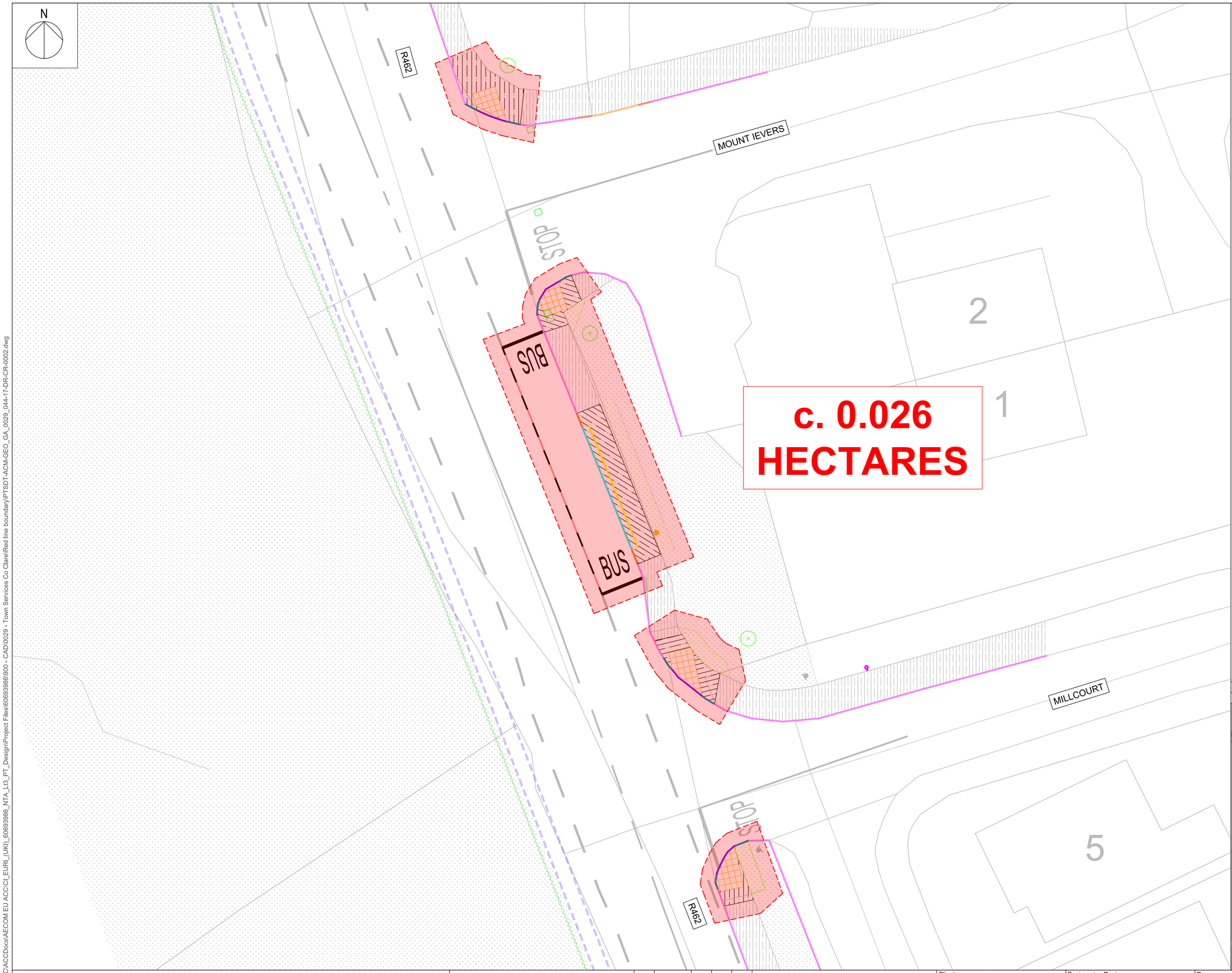

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KEY:

PROPOSED RED LINE BOUNDARY

Bus Stop Plate Number:

KeyPlan: OpenStreetMap

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P01	26/09/2025	UV	MW	EH	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: MOUNT IEVERS, SOUTHBOUND RED LINE BOUNDARY

Date	Scale	Drawn	Checked	Approved
26/09/2025	1:125 @ A1 1:250 @ A3	UV	MW	EH

Phase	Route	Stop Number
1	343	603531

Drawing File Name	Sheet Number	Status	Rev
PTSDT-ACM-GEO_GA_0029_044-17-DR-CR-0002	1 of 1	S0	P01

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