

- LEGEND**
- RAILWAY STATIONS
  - BRIDGES
    - OVERBRIDGE
    - UNDERBRIDGE
  - RAILWAY LINE
  - BUFFERS
    - 50M
    - 100M
    - 200M
    - 300M
  - ADMINISTRATIVE BOUNDARY
  - COUNTY BOUNDARY
  - BUILDING USE WITHIN 300M OF EXISTING RAIL LINE
    - RESIDENTIAL
    - COMMERCIAL/RETAIL
    - APARTMENT BUILDING
    - STADIUM
    - HOTEL
    - BUILDING GENERAL
    - FIRE STATION
    - GARDA STATION
    - EDUCATIONAL
    - HOSPITAL
    - RELIGIOUS
    - BARRACK
  - SEVESO SITES POINTS
    - UPPER TIER SEVESO SITE

Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0030720 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Mean Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.



Rev	Date	Dm	Chk'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Date 20/09/2021

Scale 1:5000 @ A1  
1:10000 @ A3

Project Code D+WP56

Originator Code ARP

Engineering Designer

ARUP

Drawn DM

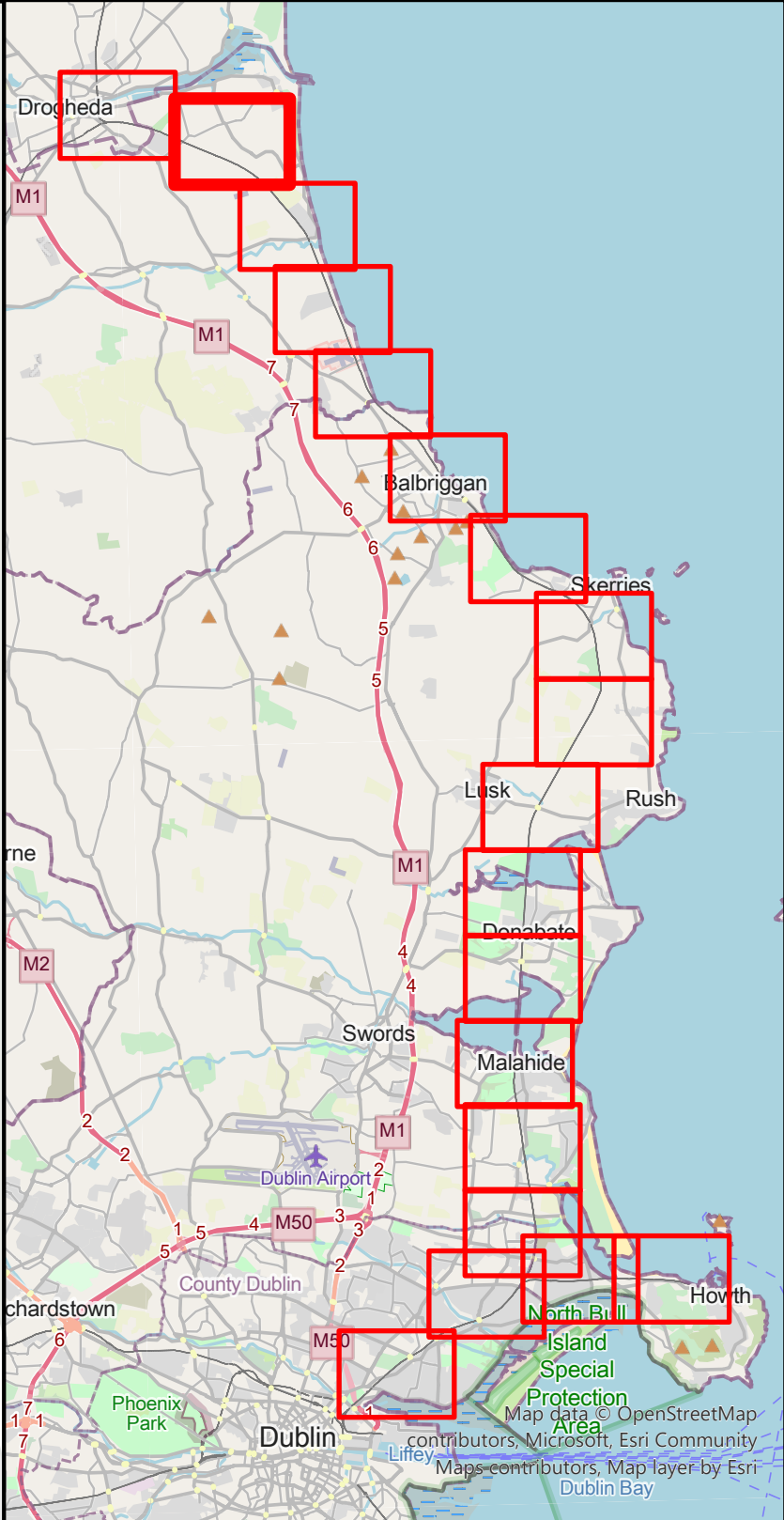
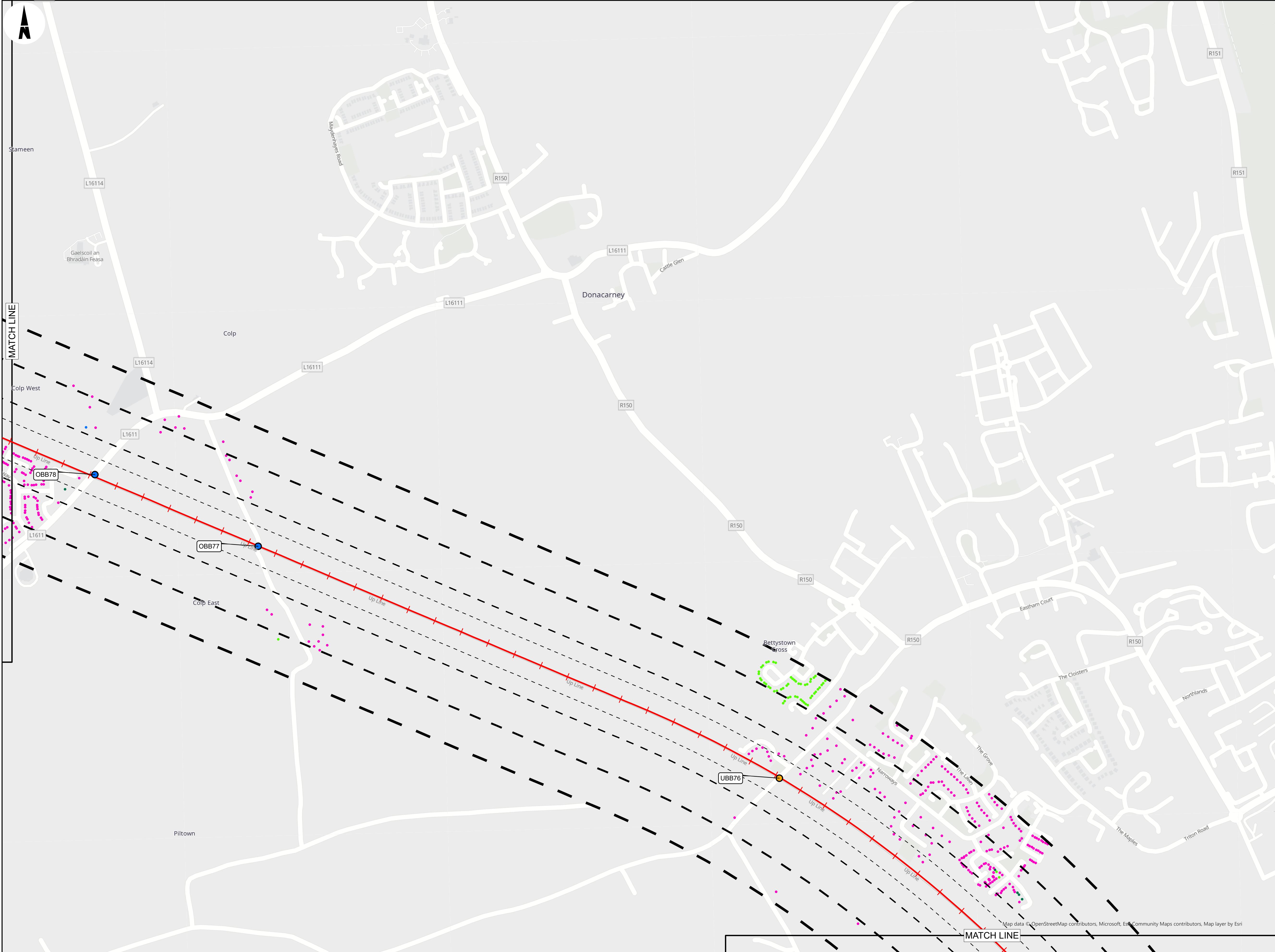
Checked SH

Approved COD

QMS Code 279933-00

Project Title	DART+ COASTAL NORTH
Drawing Title	CONSTRAINTS REPORT POPULATION CONSTRAINTS OPEN STREET MAP BASEMAP
Drawing File Name	D+WP56-ARP-ZZ-NL-OR-EV-000901
Sheet Number	1 of 19
Status	902
Rev	P03





- LEGEND**
- BRIDGES**
- OVERBRIDGE
  - UNDERBRIDGE
  - RAILWAY LINE
- BUFFERS**
- 50M
  - 100M
  - 200M
  - 300M
- ADMINISTRATIVE BOUNDARY
- COUNTY BOUNDARY
- BUILDING USE WITHIN 300M OF EXISTING RAIL LINE**
- RESIDENTIAL
  - COMMERCIAL/RETAIL
  - APARTMENT BUILDING
  - STADIUM
  - HOTEL
  - BUILDING GENERAL
  - FIRE STATION
  - GARDA STATION
  - EDUCATIONAL
  - HOSPITAL
  - RELIGIOUS
  - BARRACK

Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data ) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.

Rev	Date	Dm	Chk'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Date20/09/2021Scale1:5000 @ A1  
1:10000 @ A3

Project CodeD-WP56Originator CodeARP

Engineering Designer

Drawn DMChecked SHApproved COD

Project Title

DART+ COASTAL NORTH

Drawing Title

CONSTRAINTS REPORT  
POPULATION CONSTRAINTS  
OPEN STREET MAP BASEMAP

Drawing File Name

D-WP56-ARP-ZZ-NL-OR-EV-000902

Sheet Number

2 of 19

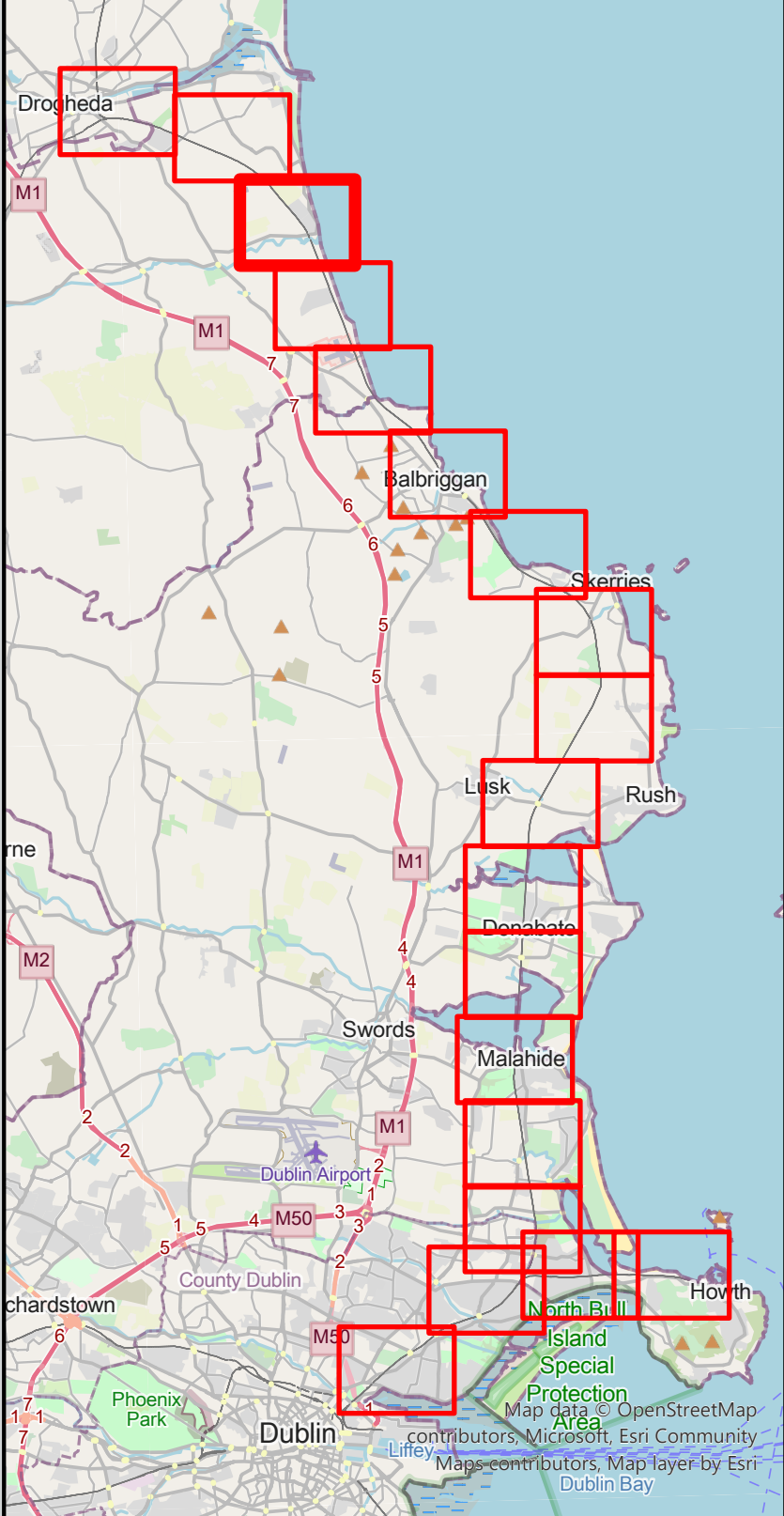
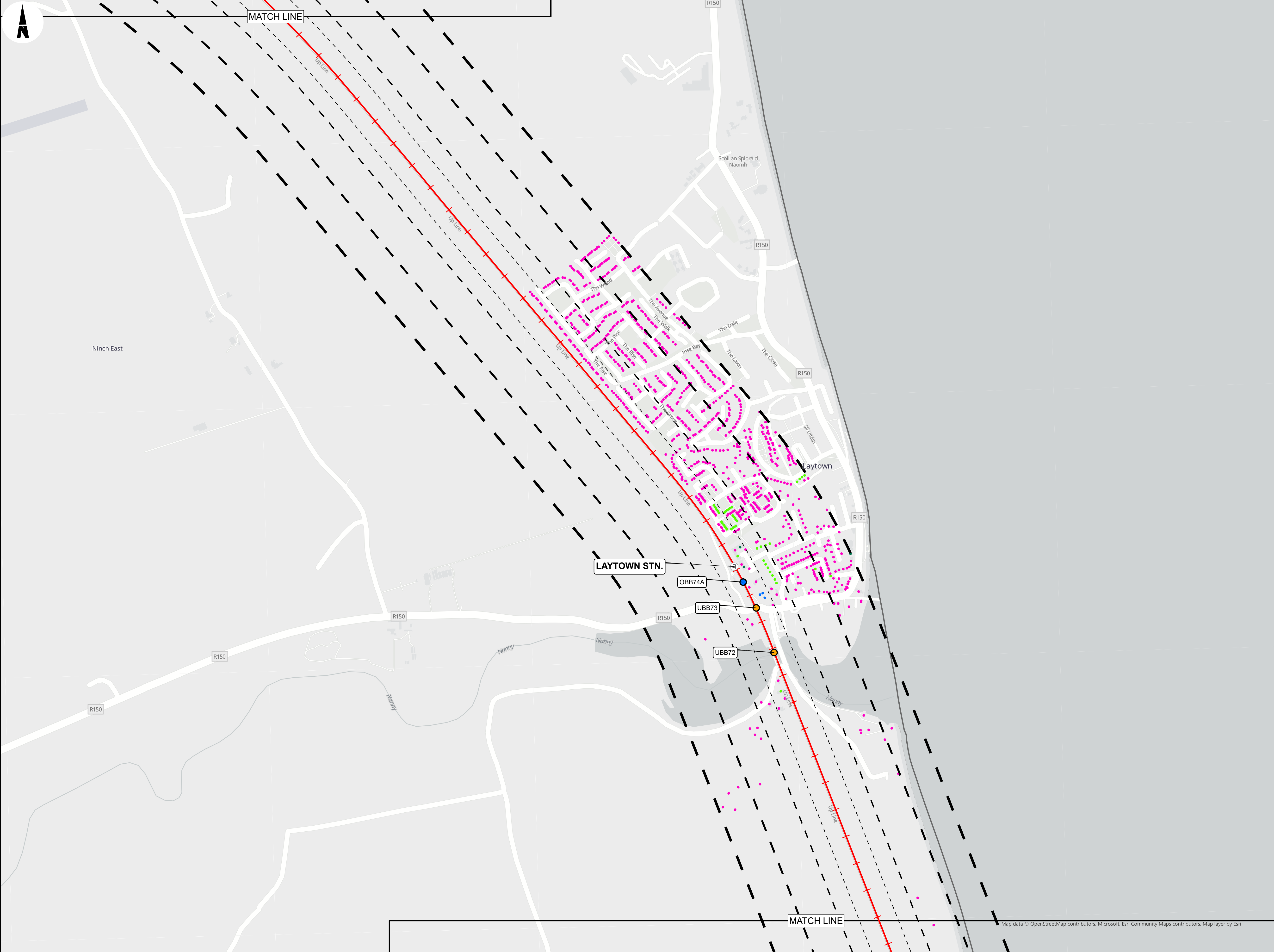
Status

S02

Rev

P03





- LEGEND**
- RAILWAY STATIONS
  - BRIDGES**
    - OVERBRIDGE
    - UNDERBRIDGE
  - RAILWAY LINE
  - BUFFERS**
    - 50M
    - 100M
    - 200M
    - 300M
  - ADMINISTRATIVE BOUNDARY
  - COUNTY BOUNDARY
  - BUILDING USE WITHIN 300M OF EXISTING RAIL LINE**
    - RESIDENTIAL
    - COMMERCIAL/RETAIL
    - APARTMENT BUILDING
    - STADIUM
    - HOTEL
    - BUILDING GENERAL
    - FIRE STATION
    - GARDA STATION
    - EDUCATIONAL
    - HOSPITAL
    - RELIGIOUS
    - BARRACK

Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data ) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.



Rev	Date	Dm	Chk'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Client

Date: 20/09/2021

Scale: 1:5000 @ A1  
1:10000 @ A3

Project Code: D+WP56

Originator Code: ARP

Engineering Designer

Drawn	DM	Checked	SH	Approved	COD
-------	----	---------	----	----------	-----

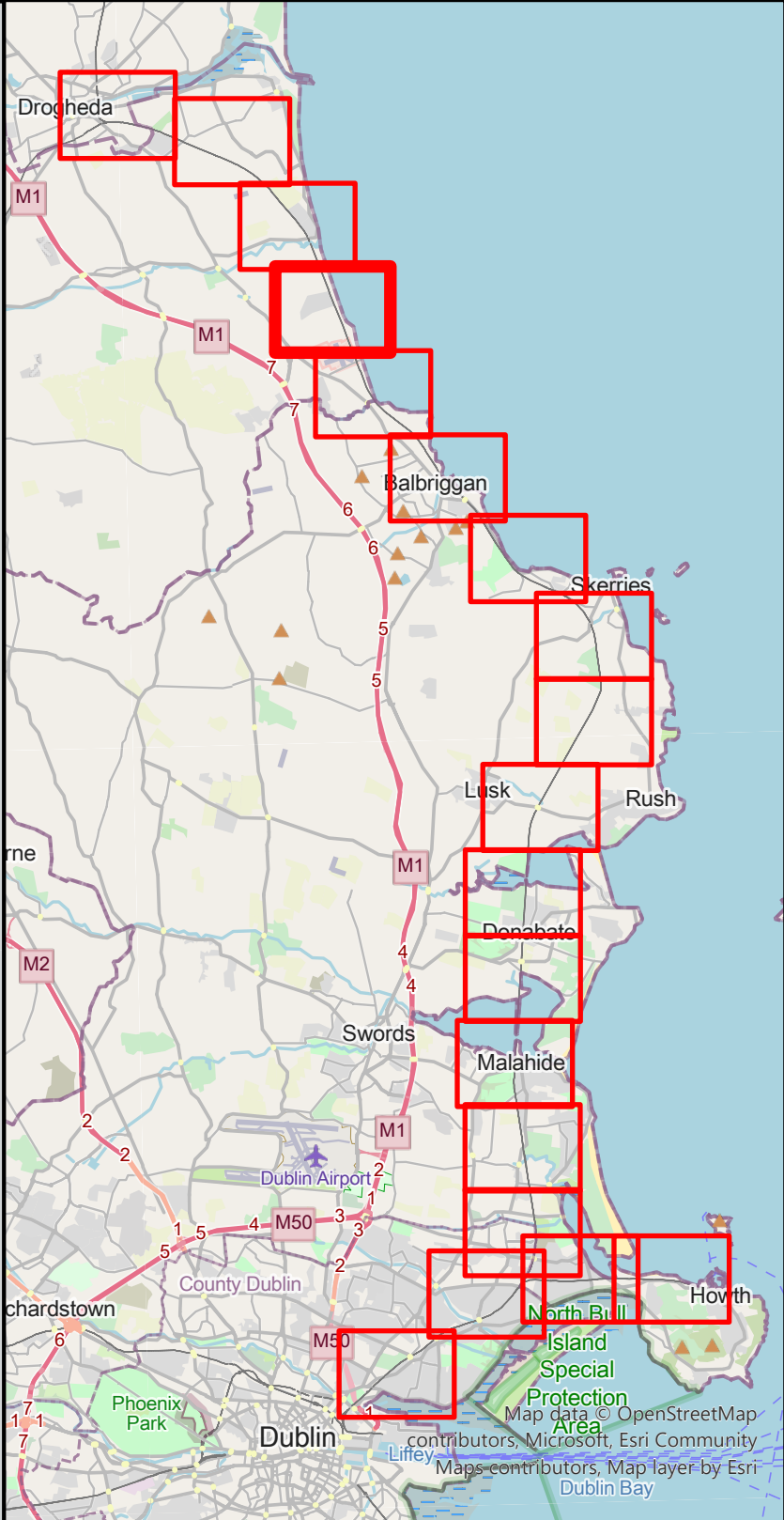
QMS Code: 279933-00

Project Title: DART+ COASTAL NORTH

Drawing Title: CONSTRAINTS REPORT  
POPULATION CONSTRAINTS  
OPEN STREET MAP BASEMAP

Drawing File Name: D+WP56-ARP-ZZ-NL-OR-EV-000903	Sheet Number: 3 of 19	Status: 902	Rev: P03
--	-----------------------	-------------	----------





- LEGEND**
- BRIDGES**
- OVERBRIDGE
  - UNDERBRIDGE
  - RAILWAY LINE
- BUFFERS**
- 50M
  - 100M
  - 200M
  - 300M
- ADMINISTRATIVE BOUNDARY
- COUNTY BOUNDARY
- BUILDING USE WITHIN 300M OF EXISTING RAIL LINE**
- RESIDENTIAL
  - COMMERCIAL/RETAIL
  - APARTMENT BUILDING
  - STADIUM
  - HOTEL
  - BUILDING GENERAL
  - FIRE STATION
  - GARDA STATION
  - EDUCATIONAL
  - HOSPITAL
  - RELIGIOUS
  - BARRACK

Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data ) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.

Rev	Date	Dm	Chk'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Date: 20/09/2021

Scale: 1:5000 @ A1  
1:10000 @ A3

Project Code: D+WP66

Originator Code: ARP

Client

Engineering Designer

Drawn: DM, Checked: SH, Approved: COD

QMS Code: 279933-00

Project Title: DART+ COASTAL NORTH

Drawing Title: CONSTRAINTS REPORT  
POPULATION CONSTRAINTS  
OPEN STREET MAP BASEMAP

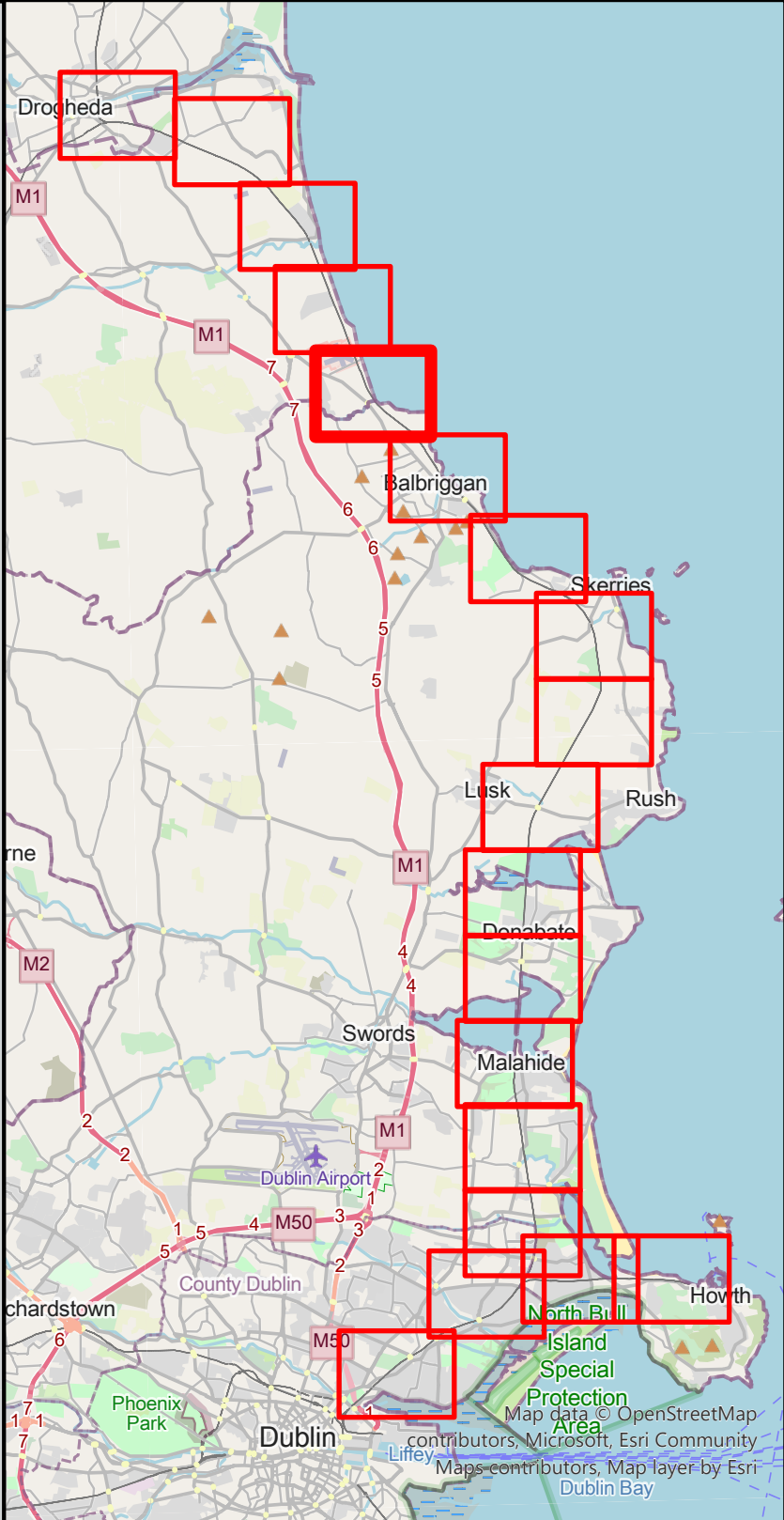
Drawing File Name: D+WP56-ARP-ZZ-NL-OR-EV-000904

Sheet Number: 4 of 19

Status: 902

Rev: P03





- LEGEND**
- RAILWAY STATIONS**
- RAILWAY STATION
- BRIDGES**
- OVERBRIDGE
  - UNDERBRIDGE
- RAILWAY LINE**
- RAILWAY LINE
- BUFFERS**
- 50M
  - 100M
  - 200M
  - 300M
- ADMINISTRATIVE BOUNDARY**
- ADMINISTRATIVE BOUNDARY
  - COUNTY BOUNDARY
- BUILDING USE WITHIN 300M OF EXISTING RAIL LINE**
- RESIDENTIAL
  - COMMERCIAL/RETAIL
  - APARTMENT BUILDING
  - STADIUM
  - HOTEL
  - BUILDING GENERAL
  - FIRE STATION
  - GARDA STATION
  - EDUCATIONAL
  - HOSPITAL
  - RELIGIOUS
  - BARRACK
- FINGAL COUNTY COUNCIL**
- SPECIFIC OBJECTIVE POINTS**
- COASTAL WALK
- SPECIFIC OBJECTIVE AREAS**
- DEVELOPMENT BOUNDARY

Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.



Rev	Date	Dn	Chk'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Client  
**Iarnród Éireann  
Irish Rail**

Date  
20/09/2021

Scale  
1:5000 @ A1  
1:10000 @ A3

Project Code  
D+WP56

Originator Code  
ARP

Engineering Designer  
**ARUP**

Drawn  
DM

Checked  
SH

Approved  
COD

QMS Code  
279933-00

Project Title  
**DART+ COASTAL NORTH**

Drawing Title  
CONSTRAINTS REPORT  
POPULATION CONSTRAINTS  
OPEN STREET MAP BASEMAP

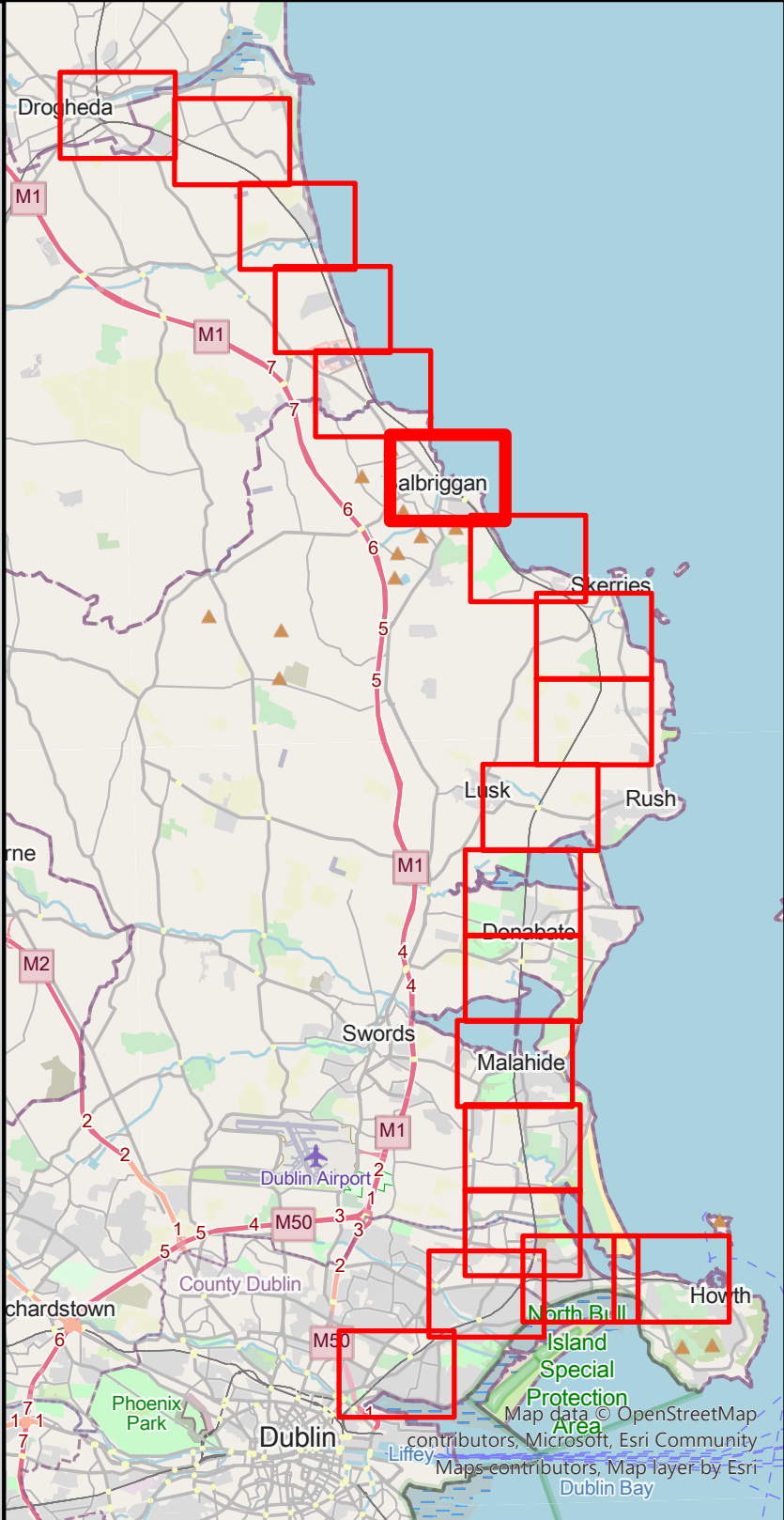
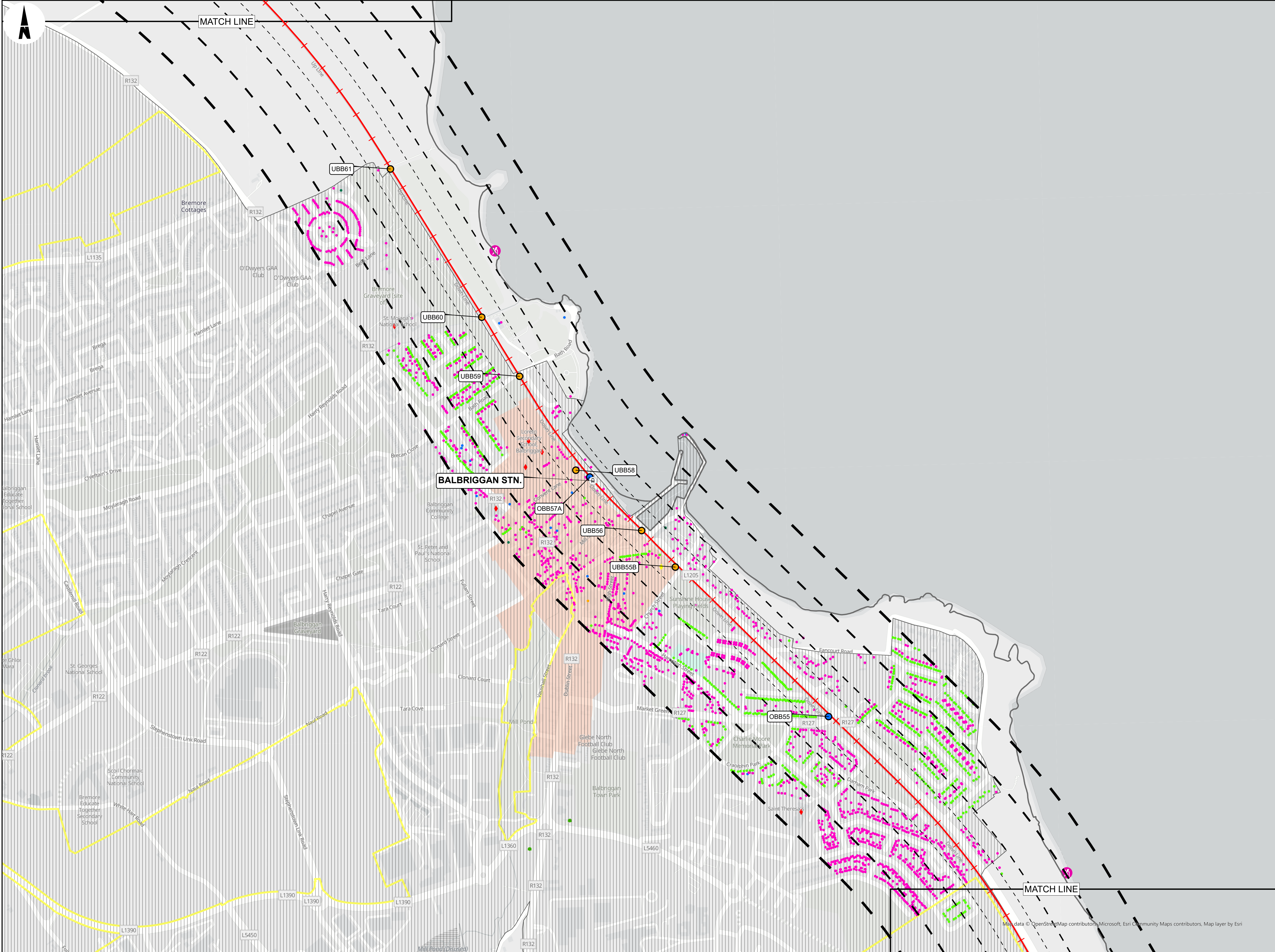
Drawing File Name  
D+WP56-ARP-ZZ-NL-OR-EV-000905

Sheet Number  
6 of 19

Status  
902

Rev  
P03





- LEGEND**
- RAILWAY STATIONS**
- RAILWAY STATIONS
- BRIDGES**
- OVERBRIDGE
  - UNDERBRIDGE
- RAILWAY LINE**
- RAILWAY LINE
- BUFFERS**
- 50M
  - 100M
  - 200M
  - 300M
- ADMINISTRATIVE BOUNDARY**
- ADMINISTRATIVE BOUNDARY
- COUNTY BOUNDARY**
- COUNTY BOUNDARY
- BUILDING USE WITHIN 300M OF EXISTING RAIL LINE**
- RESIDENTIAL
  - COMMERCIAL/RETAIL
  - APARTMENT BUILDING
  - STADIUM
  - HOTEL
  - BUILDING GENERAL
  - FIRE STATION
  - GARDA STATION
  - EDUCATIONAL
  - HOSPITAL
  - RELIGIOUS
  - BARRACK
- FINGAL COUNTY COUNCIL**
- SPECIFIC OBJECTIVE POINTS**
- COASTAL WALK
  - WOODLAND
- SPECIFIC OBJECTIVE AREAS**
- ARCHITECTURAL CONSERVATION AREA
  - BURIAL SITE
  - CORE RETAIL AREA
  - DEVELOPMENT BOUNDARY
  - MASTERPLAN AREA

Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0038720 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Mean Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLTG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.



Rev	Date	Dm	Chk'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Client	
Iarnród Éireann Irish Rail	
Date	20/09/2021
Scale	1:5000 @ A1 1:10000 @ A3
Project Code	D+WP56
Originator Code	ARP

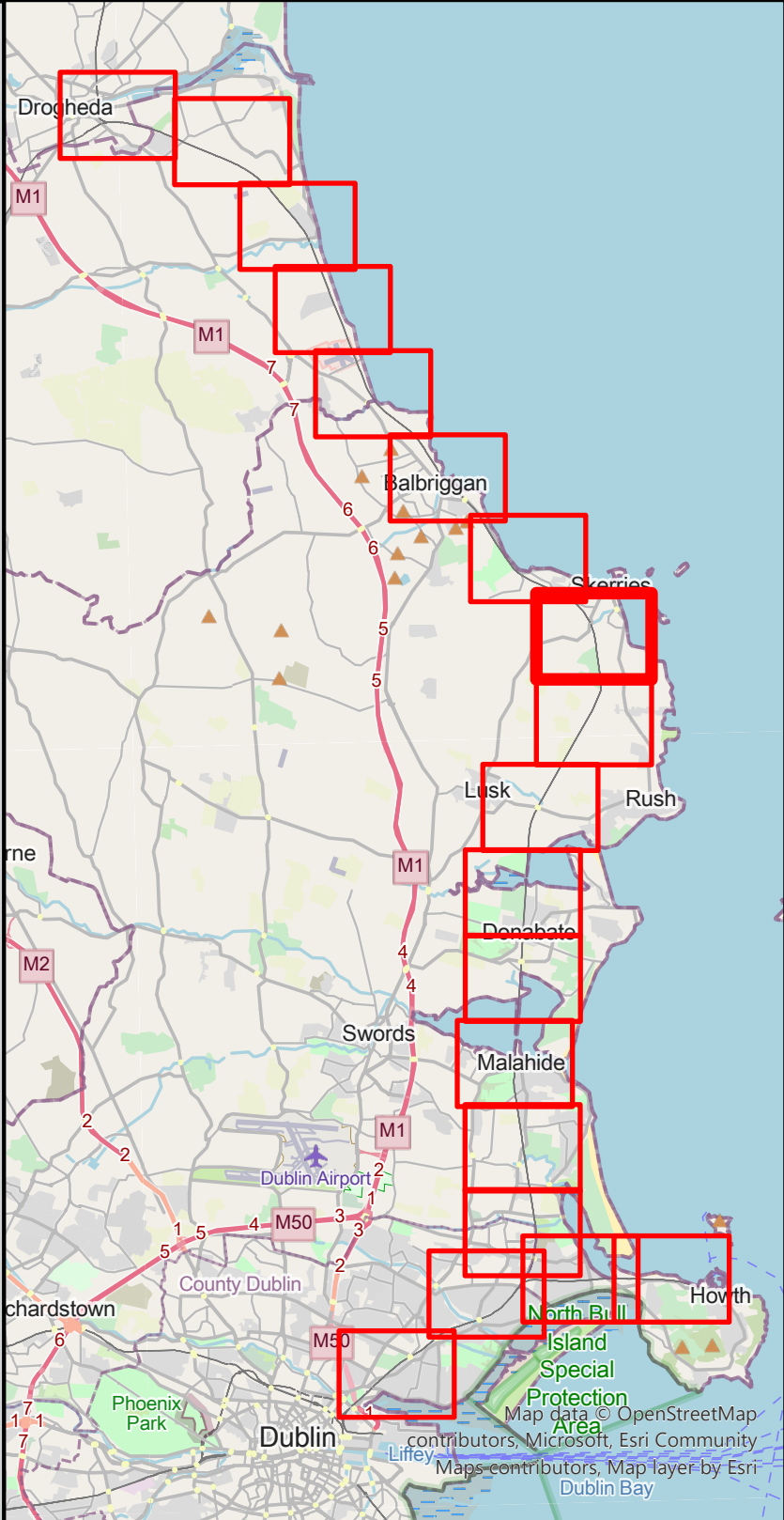
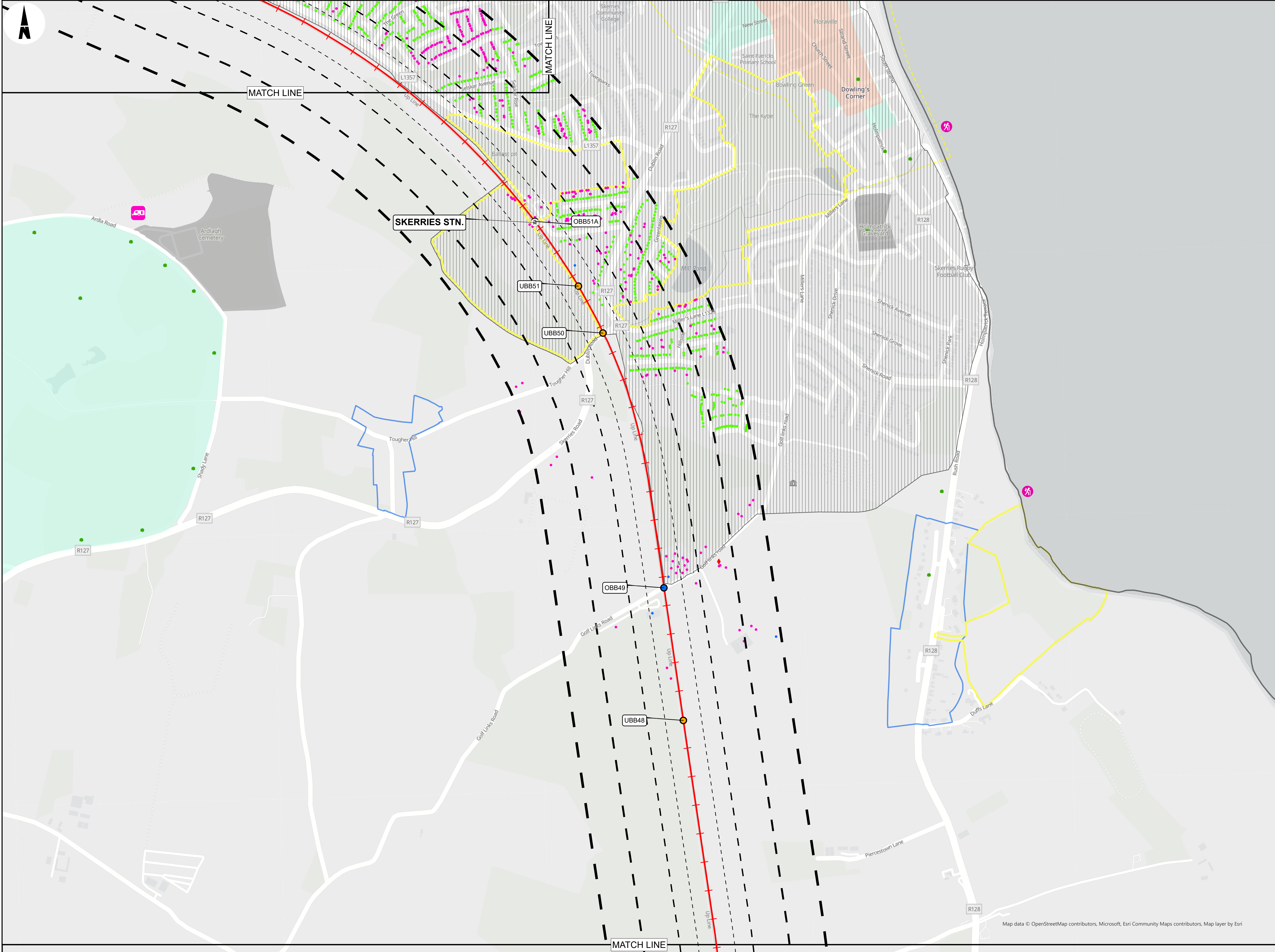
Engineering Designer		
ARUP		
Drawn	DM	Checked
		SH
Approved	COD	
QMS Code		
279933-00		

Project Title			
DART+ COASTAL NORTH			
Drawing Title			
CONSTRAINTS REPORT POPULATION CONSTRAINTS OPEN STREET MAP BASEMAP			
Drawing File Name		Sheet Number	Status
D+WP56-ARP-ZZ-NL-OR-EV-000906		6 of 19	902
Rev	P03		









**LEGEND**

RAILWAY STATIONS

BRIDGES

BUFFERS

ADMINISTRATIVE BOUNDARY

COUNTY BOUNDARY

BUILDING USE WITHIN 300M OF EXISTING RAIL LINE

FINGAL COUNTY COUNCIL

SPECIFIC OBJECTIVE POINTS

SPECIFIC OBJECTIVE AREAS

Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.

Rev	Date	Dm	Chk'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Date

20/09/2021

Scale

1:5000 @ A1  
1:10000 @ A3

Project Code

D+WP56

Originator Code

ARP

Engineering Designer

Drawn

DM

Checked

SH

Approved

COD

QMS Code

279933-00

Client

Project Title

Drawing Title

Drawing File Name

DART+ COASTAL NORTH

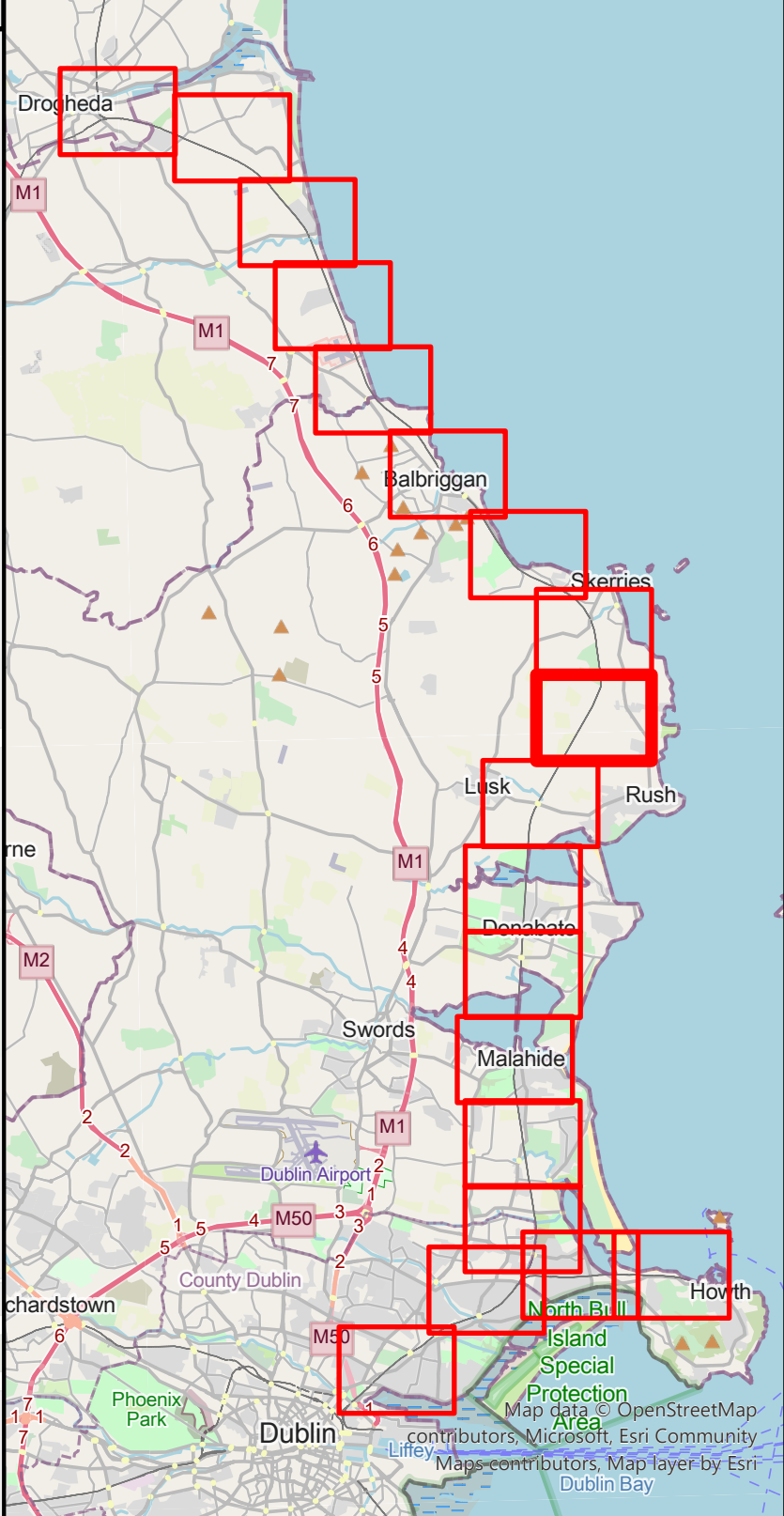
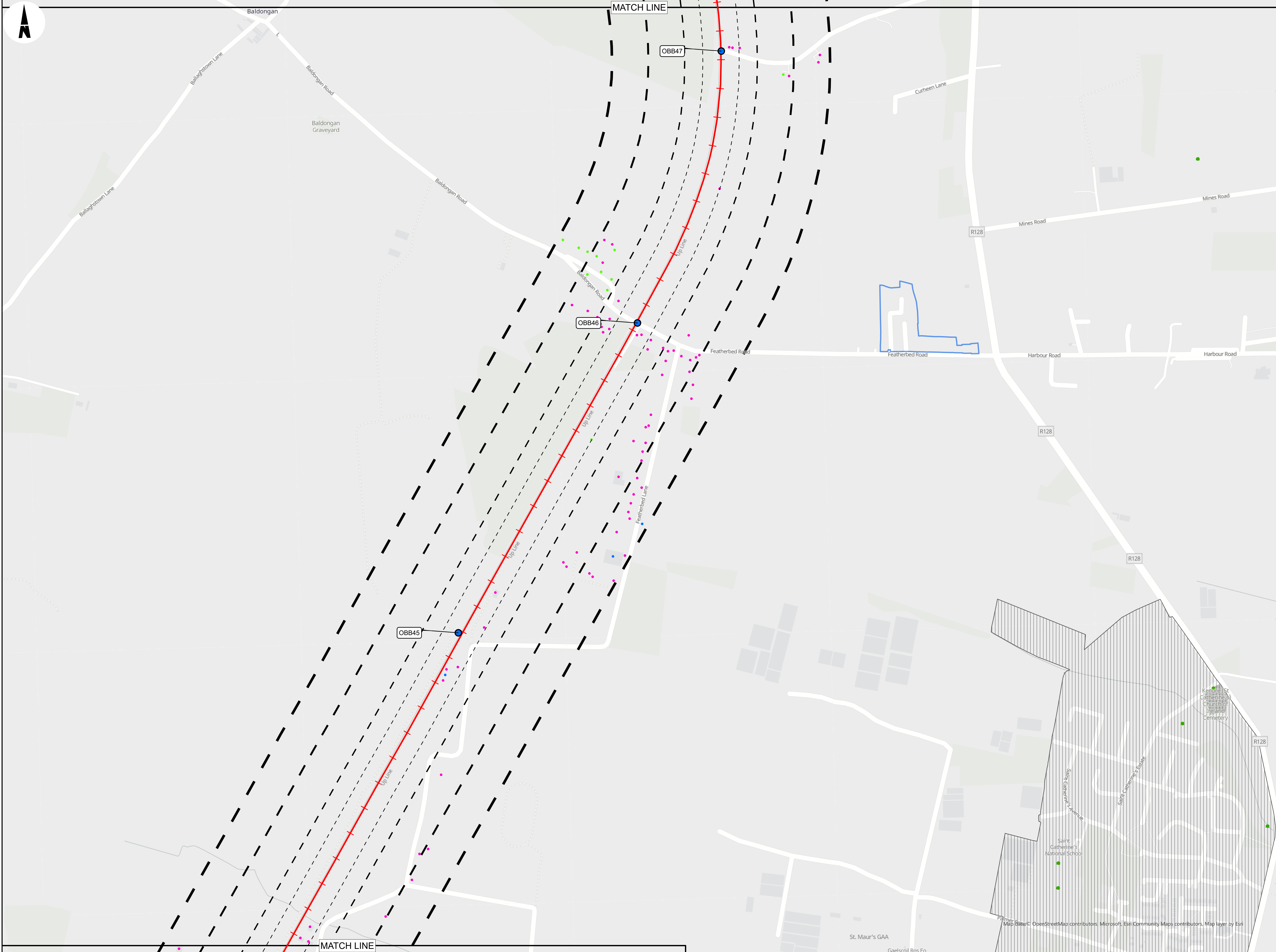
CONSTRAINTS REPORT  
POPULATION CONSTRAINTS  
OPEN STREET MAP BASEMAP

Sheet Number  
8 of 19

Status  
902

Rev  
P03





**LEGEND**

OVERBRIDGE

RAILWAY LINE

**BUFFERS**

50M

100M

200M

300M

ADMINISTRATIVE BOUNDARY

COUNTY BOUNDARY

**BUILDING USE WITHIN 300M OF EXISTING RAIL LINE**

RESIDENTIAL

COMMERCIAL/RETAIL

APARTMENT BUILDING

STADIUM

HOTEL

BUILDING GENERAL

FIRE STATION

GARDIA STATION

EDUCATIONAL

HOSPITAL

RELIGIOUS

BARRACK

**FINGAL COUNTY COUNCIL**

**SPECIFIC OBJECTIVE POINTS**

WOODLAND

**SPECIFIC OBJECTIVE AREAS**

BURIAL SITE

DEVELOPMENT BOUNDARY

RURAL BUSINESS/CLUSTER

Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data ) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.

Udarás Náisiúnta Iompair  
National Transport Authority

Project Ireland 2040

Rev	Date	Dm	Chk'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Irish Rail

Date

20/09/2021

Scale

1:5000 @ A1  
1:10000 @ A3

Project Code

D+WP56

Originator Code

ARP

Engineering Designer

Drawn

DM

Checked

SH

Approved

COD

Project Title

DART+ COASTAL NORTH

Drawing Title

CONSTRAINTS REPORT  
POPULATION CONSTRAINTS  
OPEN STREET MAP BASEMAP

Drawing File Name

D+WP56-ARP-ZZ-NL-OR-EV-000909

Sheet Number

9 of 19

Status

S02

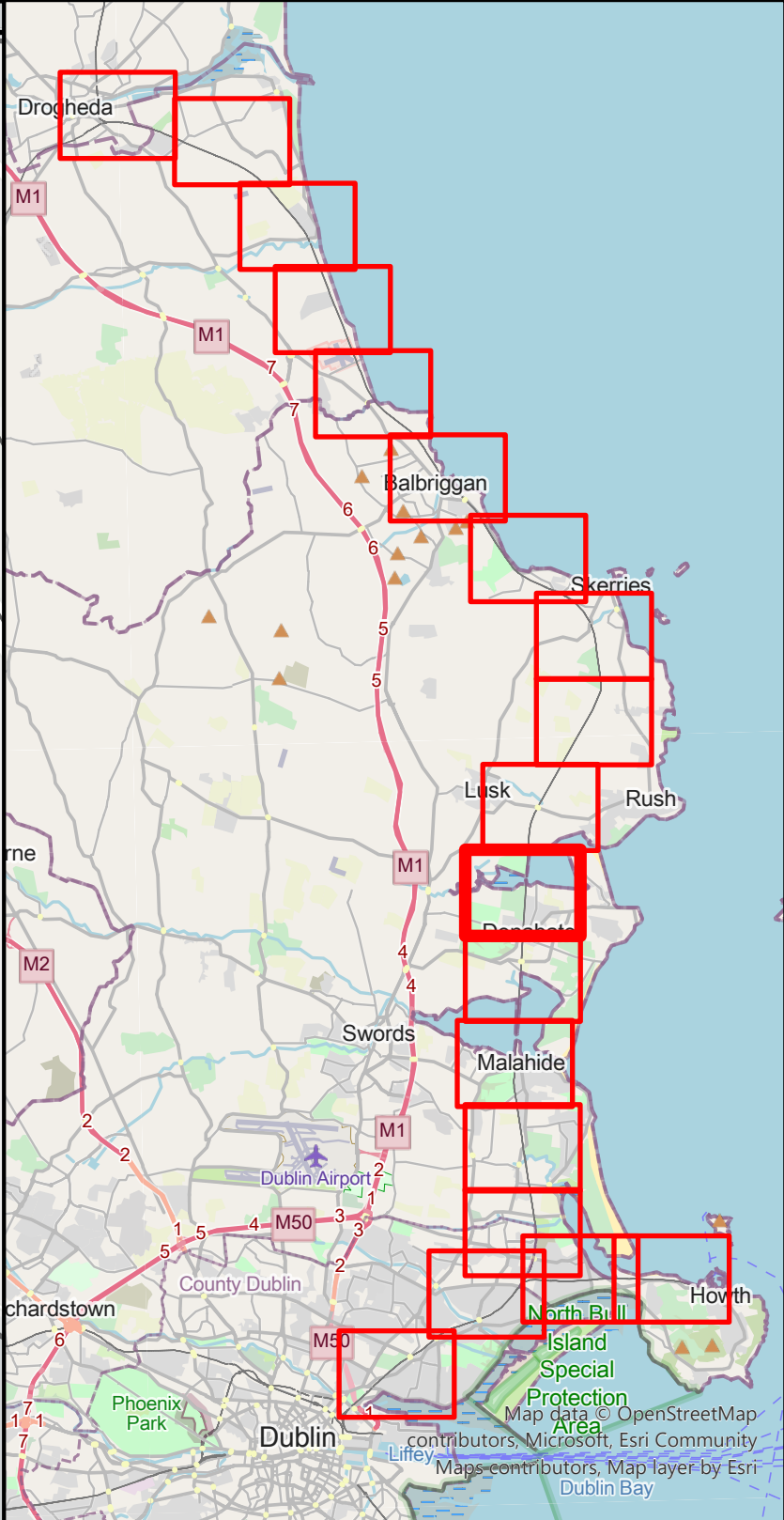
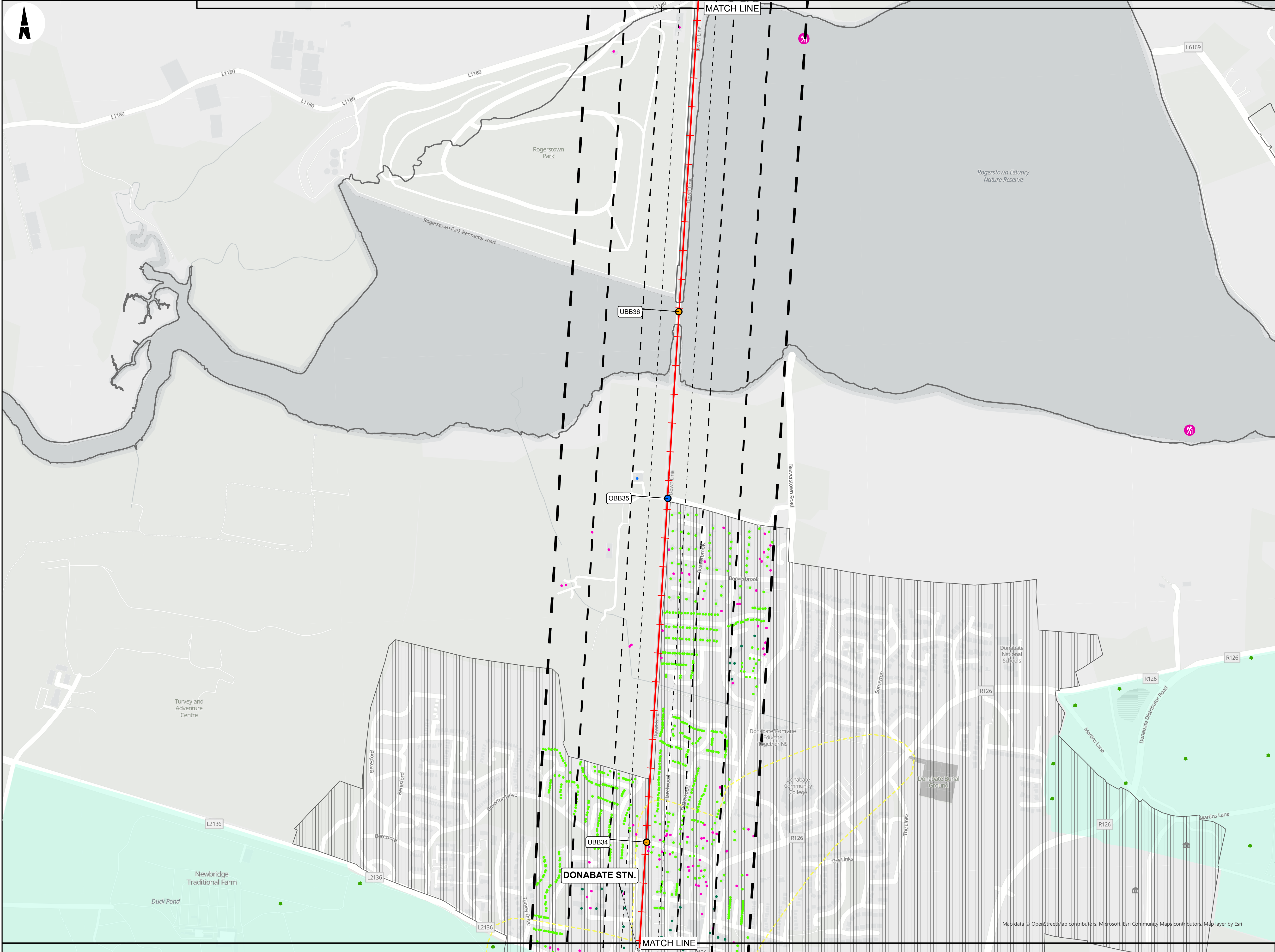
Rev

P03









- LEGEND**
- RAILWAY STATIONS
  - BRIDGES**
    - OVERBRIDGE
    - UNDERBRIDGE
  - RAILWAY LINE
  - BUFFERS**
    - 50M
    - 100M
    - 200M
    - 300M
  - ADMINISTRATIVE BOUNDARY
  - COUNTY BOUNDARY
  - BUILDING USE WITHIN 300M OF EXISTING RAIL LINE**
    - RESIDENTIAL
    - COMMERCIAL/RETAIL
    - APARTMENT BUILDING
    - STADIUM
    - HOTEL
    - BUILDING GENERAL
    - FIRE STATION
    - GARDA STATION
    - EDUCATIONAL
    - HOSPITAL
    - RELIGIOUS
    - BARRACK
  - FINGAL COUNTY COUNCIL**
  - SPECIFIC OBJECTIVE POINTS**
    - COASTAL WALK
    - PROPOSED SCHOOL SITE
    - WOODLAND
  - SPECIFIC OBJECTIVE AREAS**
    - ARCHITECTURAL CONSERVATION AREA
    - BURIAL SITE
    - DEVELOPMENT BOUNDARY
    - HOUSING DENSITY BOUNDARY
    - URBAN FRAMEWORK PLAN

Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data ) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Mean Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.

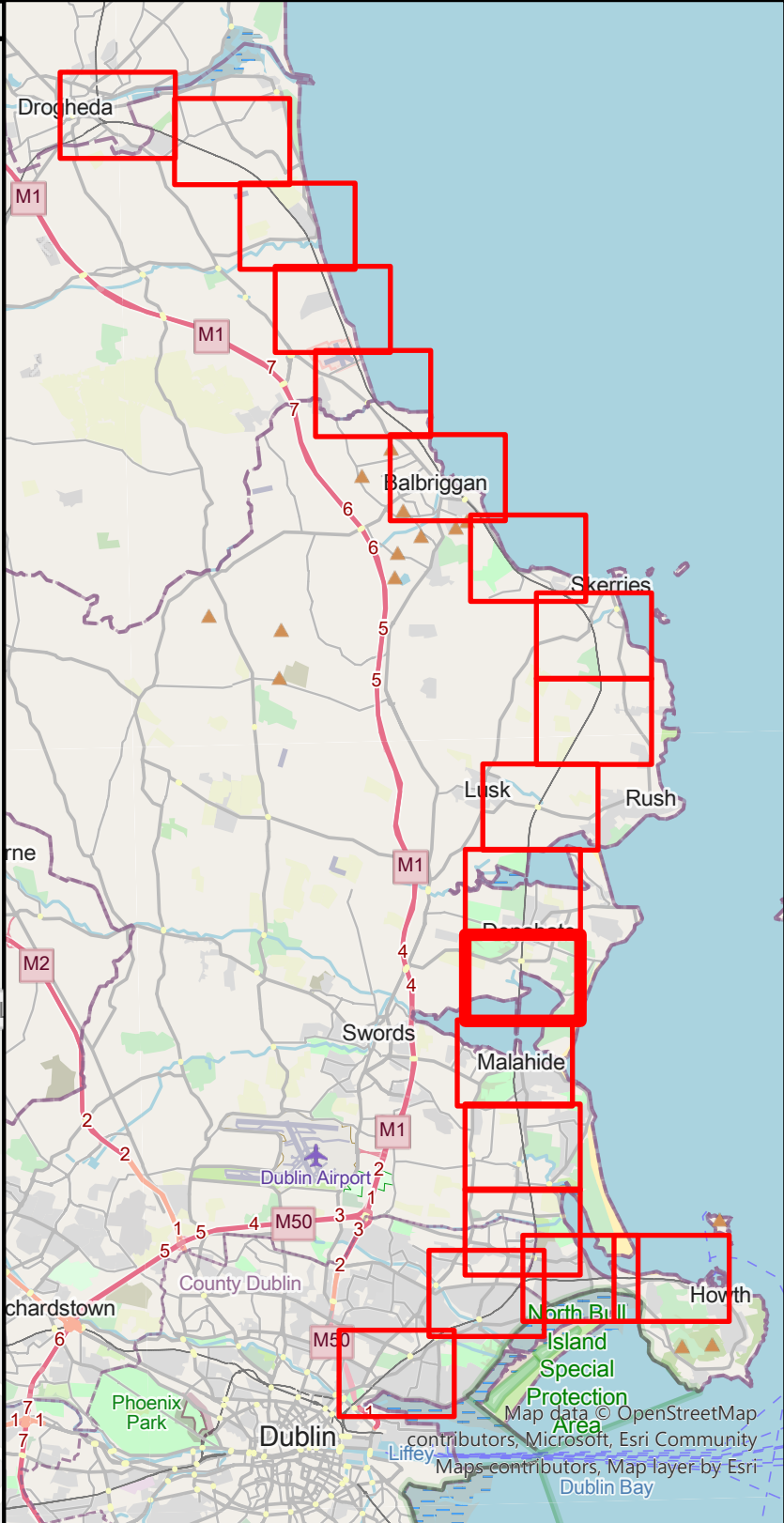
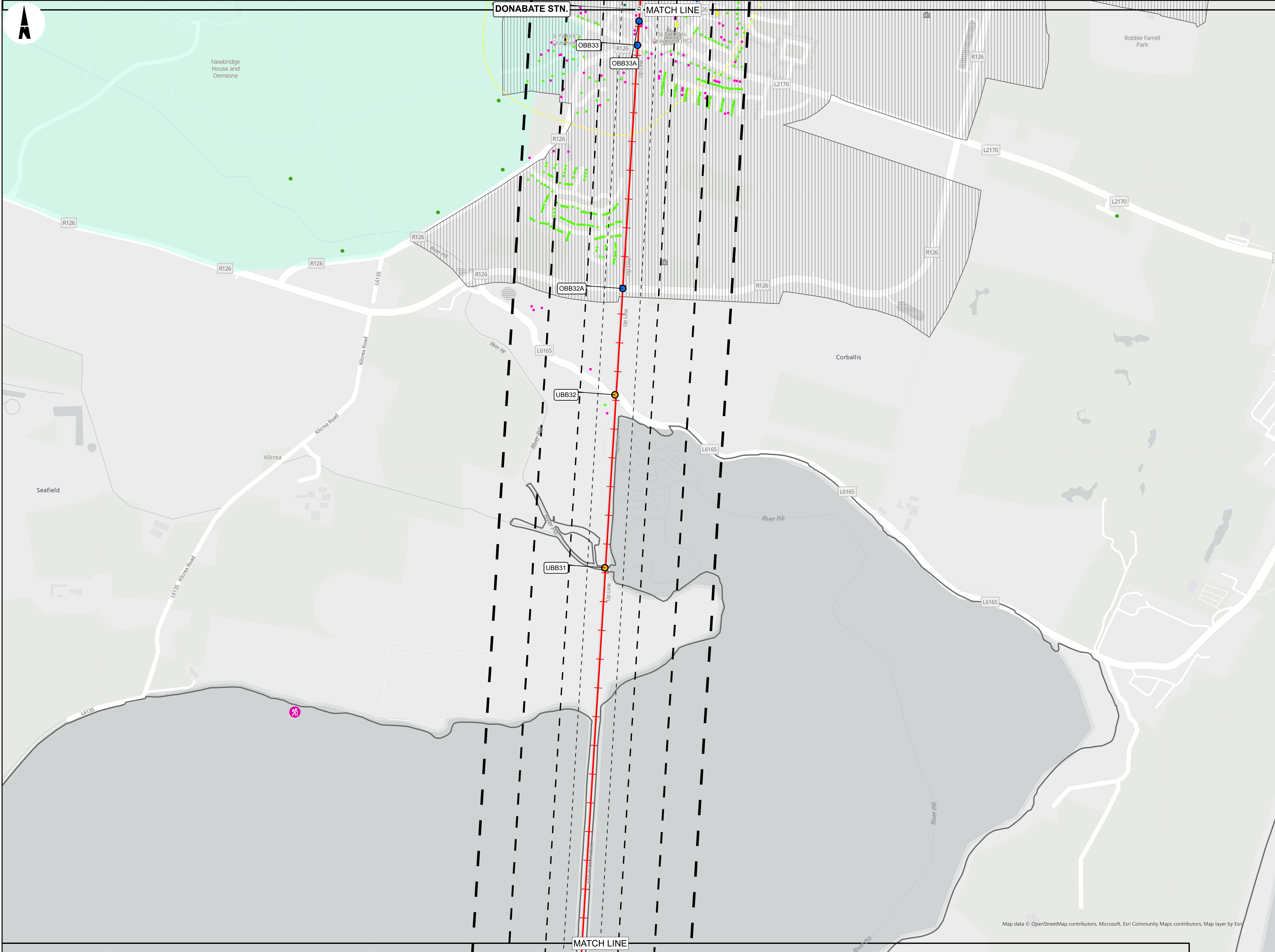
Rev	Date	Dm	Chkd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Date	Scale	Drawn	Checked	Approved
20/09/2021	1:5000 @ A1 1:10000 @ A3	DM	SH	COD

Project Code	Originator Code	QMS Code
D+WP56	ARP	279933-00

Project Title	Drawing Title	Drawing File Name	Sheet Number	Status	Rev
DART+ COASTAL NORTH	CONSTRAINTS REPORT POPULATION CONSTRAINTS OPEN STREET MAP BASEMAP	D+WP56-ARP-ZZ-NL-OR-EV-000911	11 of 19	902	P03





- LEGEND**
- RAILWAY STATIONS**
- RAILWAY STATION
- BRIDGES**
- OVERBRIDGE
  - UNDERBRIDGE
- BUFFERS**
- 50M
  - 100M
  - 200M
  - 300M
- ADMINISTRATIVE BOUNDARY**
- ADMINISTRATIVE BOUNDARY
  - COUNTY BOUNDARY
- BUILDING USE WITHIN 300M OF EXISTING RAIL LINE**
- RESIDENTIAL
  - COMMERCIAL/RETAIL
  - APARTMENT BUILDING
  - STADIUM
  - HOTEL
  - BUILDING GENERAL
  - FIRE STATION
  - GARDA STATION
  - EDUCATIONAL
  - HOSPITAL
  - RELIGIOUS
  - BARRACK
- FINGAL COUNTY COUNCIL**
- SPECIFIC OBJECTIVE POINTS**
- COASTAL WALK
  - PROPOSED SCHOOL SITE
  - WOODLAND
- SPECIFIC OBJECTIVE AREAS**
- ARCHITECTURAL CONSERVATION AREA
  - BURIAL SITE
  - DEVELOPMENT BOUNDARY
  - URBAN FRAMEWORK PLAN

Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data ) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.

**DART+ Coastal North**

**NTA**  
Udarás Náisiúnta Iompair  
National Transport Authority

**Tionscadal Éireann**  
Project Ireland  
**2040**

Rev	Date	Dm	Chk'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Client

**larnród Éireann**  
**Irish Rail**

Date 20/09/2021 Scale 1:5000 @ A1  
1:10000 @ A3

Project Code D+WP56 Originator Code ARP

Engineering Designer

**ARUP**

Drawn	Checked	Approved
DM	SH	COD

QMS Code 279933-00

Project Title

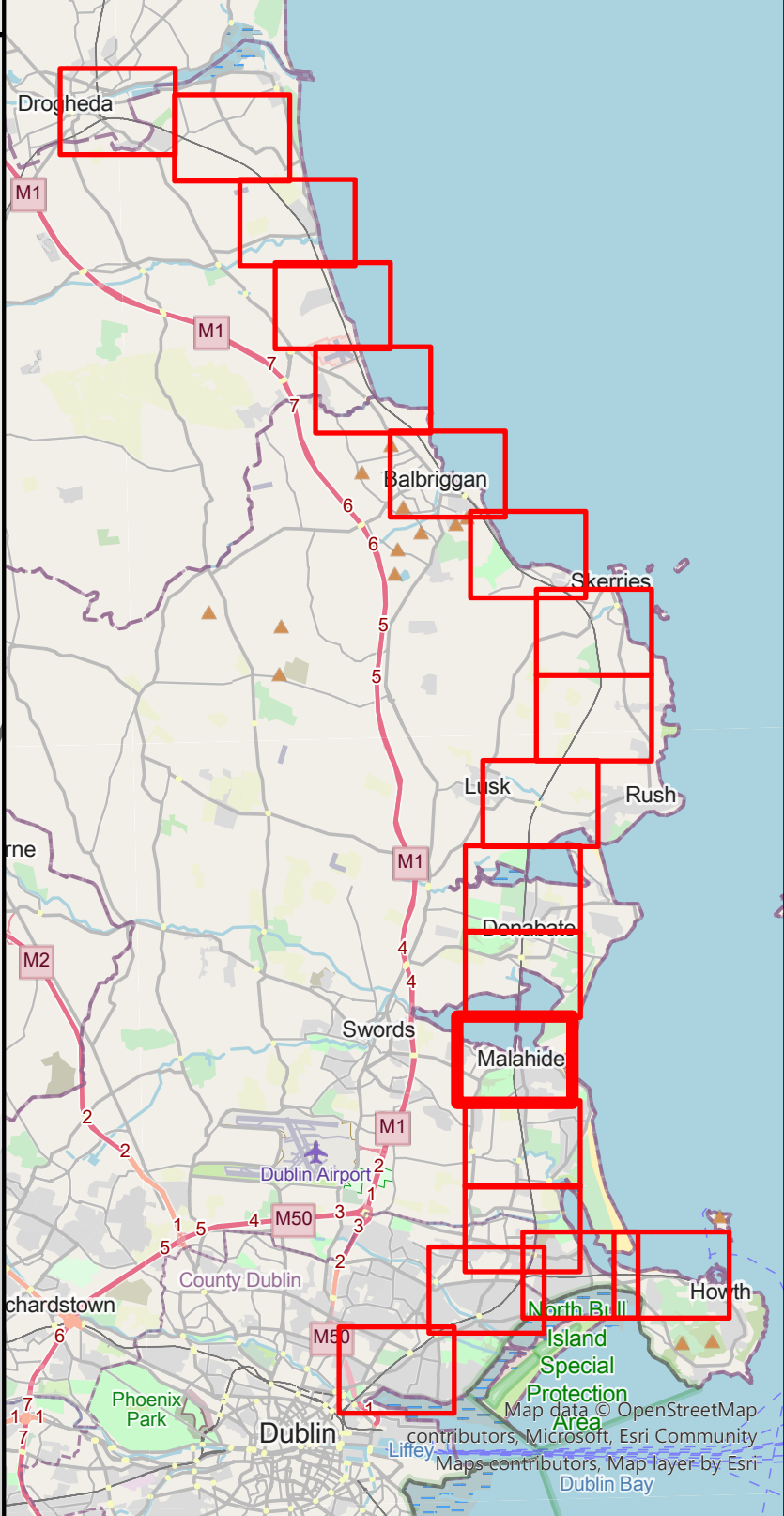
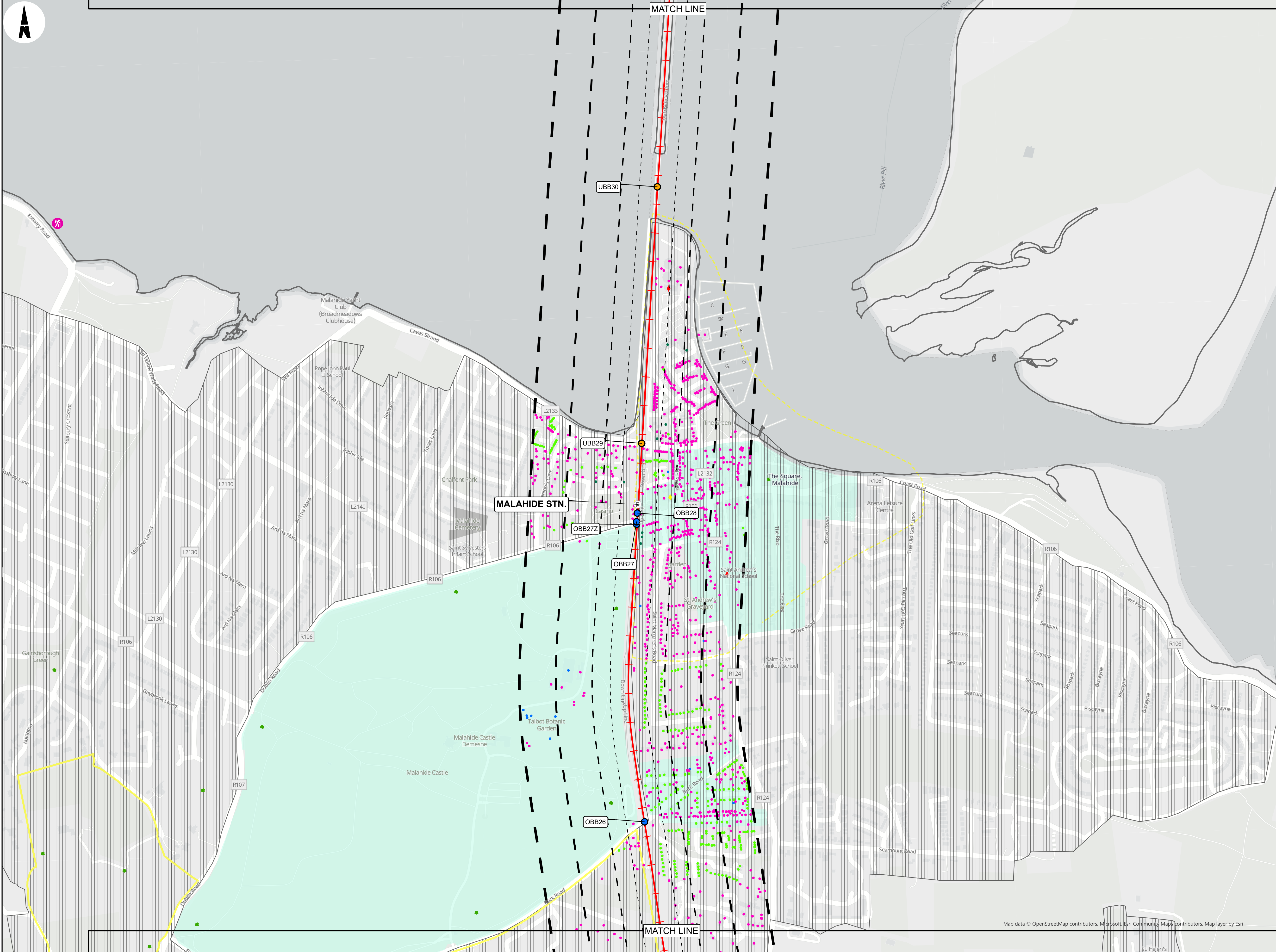
**DART+ COASTAL NORTH**

Drawing Title

CONSTRAINTS REPORT  
POPULATION CONSTRAINTS  
OPEN STREET MAP BASEMAP

Drawing File Name D+WP56-ARP-ZZ-NL-OR-EV-000912 Sheet Number 12 of 19 Status 902 Rev P03





- LEGEND**
- RAILWAY STATIONS
  - BRIDGES
    - OVERBRIDGE
    - UNDERBRIDGE
  - RAILWAY LINE
  - BUFFERS
    - 50M
    - 100M
    - 200M
    - 300M
  - ADMINISTRATIVE BOUNDARY
  - COUNTY BOUNDARY
  - BUILDING USE WITHIN 300M OF EXISTING RAIL LINE
    - RESIDENTIAL
    - COMMERCIAL/RETAIL
    - APARTMENT BUILDING
    - STADIUM
    - HOTEL
    - BUILDING GENERAL
    - FIRE STATION
    - GARDA STATION
    - EDUCATIONAL
    - HOSPITAL
    - RELIGIOUS
    - BARRACK
  - FINGAL COUNTY COUNCIL
  - SPECIFIC OBJECTIVE POINTS
    - COASTAL WALK
    - WOODLAND
  - SPECIFIC OBJECTIVE AREAS
    - ARCHITECTURAL CONSERVATION AREA
    - BURIAL SITE
    - CORE RETAIL AREA
    - DEVELOPMENT BOUNDARY
    - MASTERPLAN AREA
    - URBAN FRAMEWORK PLAN

Copyright © Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0038720 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Notes

1. The labels used for building use has been attained from the OSI Prime2 dataset.



Rev	Date	Dm	Chkd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

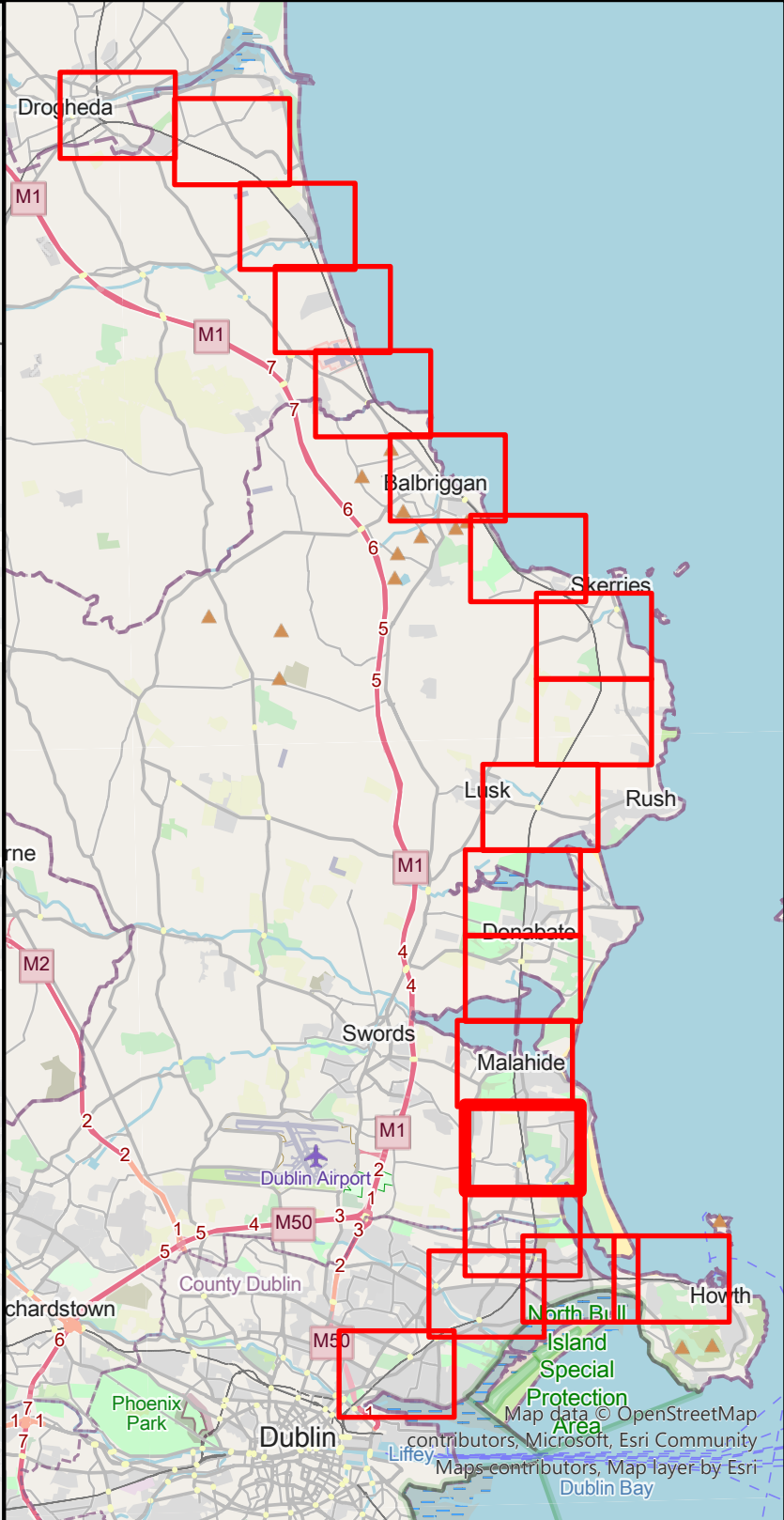
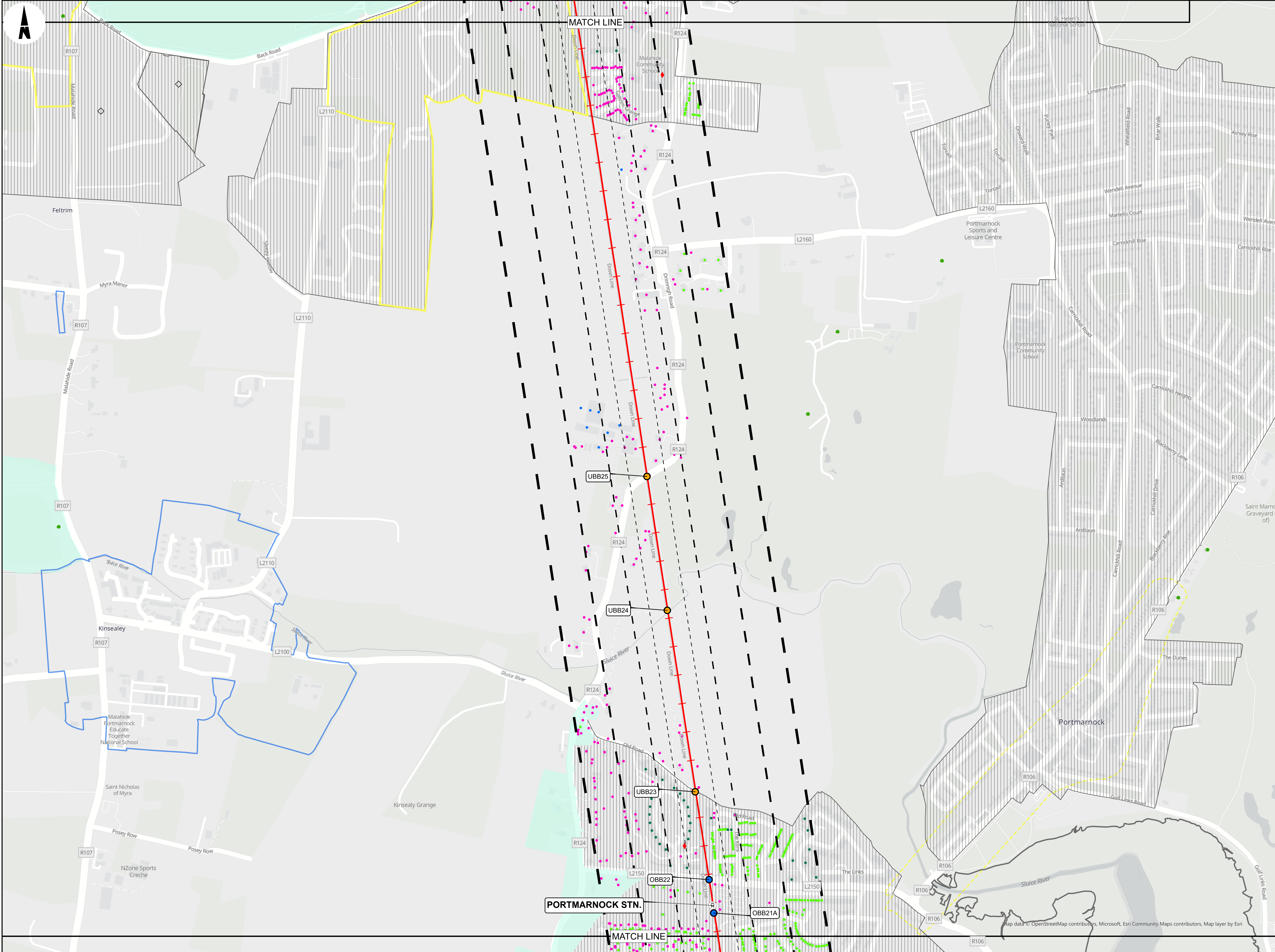


Date	20/09/2021	Scale	1:5000 @ A1 1:10000 @ A3
Project Code	D+WP56	Originator Code	ARP

Engineering Designer	DM	Checked	SH	Approved	COD
QMS Code	279933-00				

Project Title		DART+ COASTAL NORTH			
Drawing Title		CONSTRAINTS REPORT POPULATION CONSTRAINTS OPEN STREET MAP BASEMAP			
Drawing File Name		Sheet Number	Status	Rev	
D+WP56-ARP-ZZ-NL-OR-EV-000913		13 of 19	S02	P03	





- LEGEND**
- RAILWAY STATIONS
  - BRIDGES**
    - OVERBRIDGE
    - UNDERBRIDGE
  - RAILWAY LINE
  - BUFFERS**
    - 50M
    - 100M
    - 200M
    - 300M
  - ADMINISTRATIVE BOUNDARY
  - COUNTY BOUNDARY
  - BUILDING USE WITHIN 300M OF EXISTING RAIL LINE**
    - RESIDENTIAL
    - COMMERCIAL/RETAIL
    - APARTMENT BUILDING
    - STADIUM
    - HOTEL
    - BUILDING GENERAL
    - FIRE STATION
    - GARDA STATION
    - EDUCATIONAL
    - HOSPITAL
    - RELIGIOUS
    - BARRACK
  - FINGAL COUNTY COUNCIL**
  - SPECIFIC OBJECTIVE POINTS**
    - RESIDENTIAL DEVELOPMENT DENSITY
    - WOODLAND
  - SPECIFIC OBJECTIVE AREAS**
    - ARCHITECTURAL CONSERVATION AREA
    - DEVELOPMENT BOUNDARY
    - HOUSING DENSITY BOUNDARY
    - MASTERPLAN AREA
    - RURAL BUSINESS/CLUSTER
    - RURAL VILLAGE
    - URBAN FRAMEWORK PLAN

Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data ) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLTG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.

Rev	Date	Dm	Chk'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Date 20/09/2021

Scale 1:5000 @ A1  
1:10000 @ A3

Project Code D+WP56

Originator Code ARP

Client

Engineering Designer

Drawn DM

Checked SH

Approved COD

Project Title

DART+ COASTAL NORTH

CONSTRAINTS REPORT  
POPULATION CONSTRAINTS  
OPEN STREET MAP BASEMAP

Drawing File Name

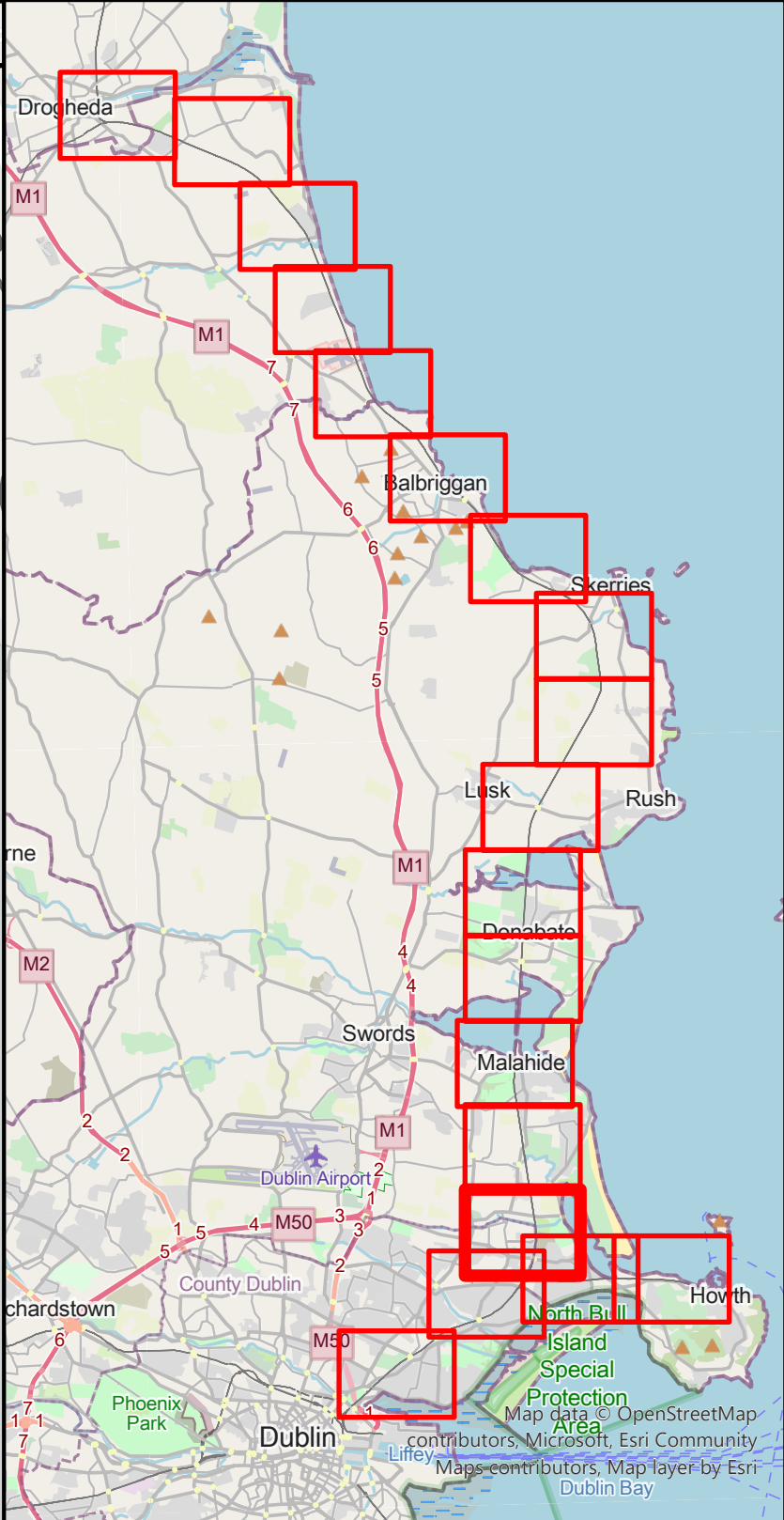
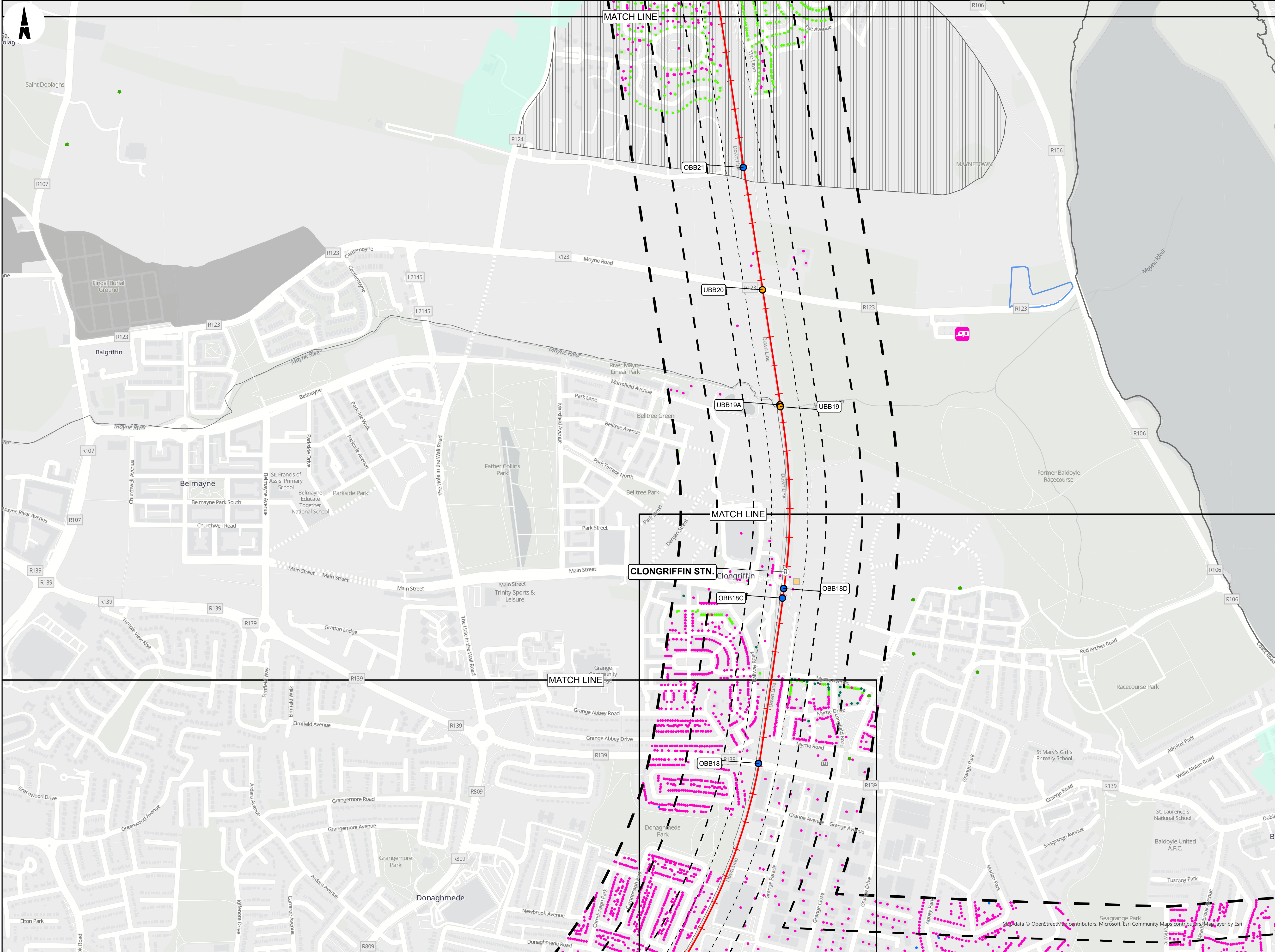
D+WP56-ARP-ZZ-NL-OR-EV-000914

Sheet Number 14 of 19

Status 902

Rev P03





- LEGEND**
- RAILWAY STATIONS**
- RAILWAY STATIONS
- BRIDGES**
- OVERBRIDGE
  - UNDERBRIDGE
  - RAILWAY LINE
- BUFFERS**
- 60M
  - 100M
  - 200M
  - 300M
- ADMINISTRATIVE BOUNDARY**
- COUNTY BOUNDARY
- BUILDING USE WITHIN 300M OF EXISTING RAIL LINE**
- RESIDENTIAL
  - COMMERCIAL/RETAIL
  - APARTMENT BUILDING
  - STADIUM
  - HOTEL
  - BUILDING GENERAL
  - FIRE STATION
  - GARDA STATION
  - EDUCATIONAL
  - HOSPITAL
  - RELIGIOUS
  - BARRACK
- FINGAL COUNTY COUNCIL**
- SPECIFIC OBJECTIVE POINTS**
- LOCAL CENTRE
  - PROPOSED SCHOOL SITE
  - TRAVELLER ACCOMMODATION
  - WOODLAND
- SPECIFIC OBJECTIVE AREAS**
- ARCHITECTURAL CONSERVATION AREA
  - BURIAL SITE
  - DEVELOPMENT BOUNDARY
  - RURAL BUSINESS/CLUSTER

Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Mean Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.



Tionscadal Éireann  
Project Ireland  
2040

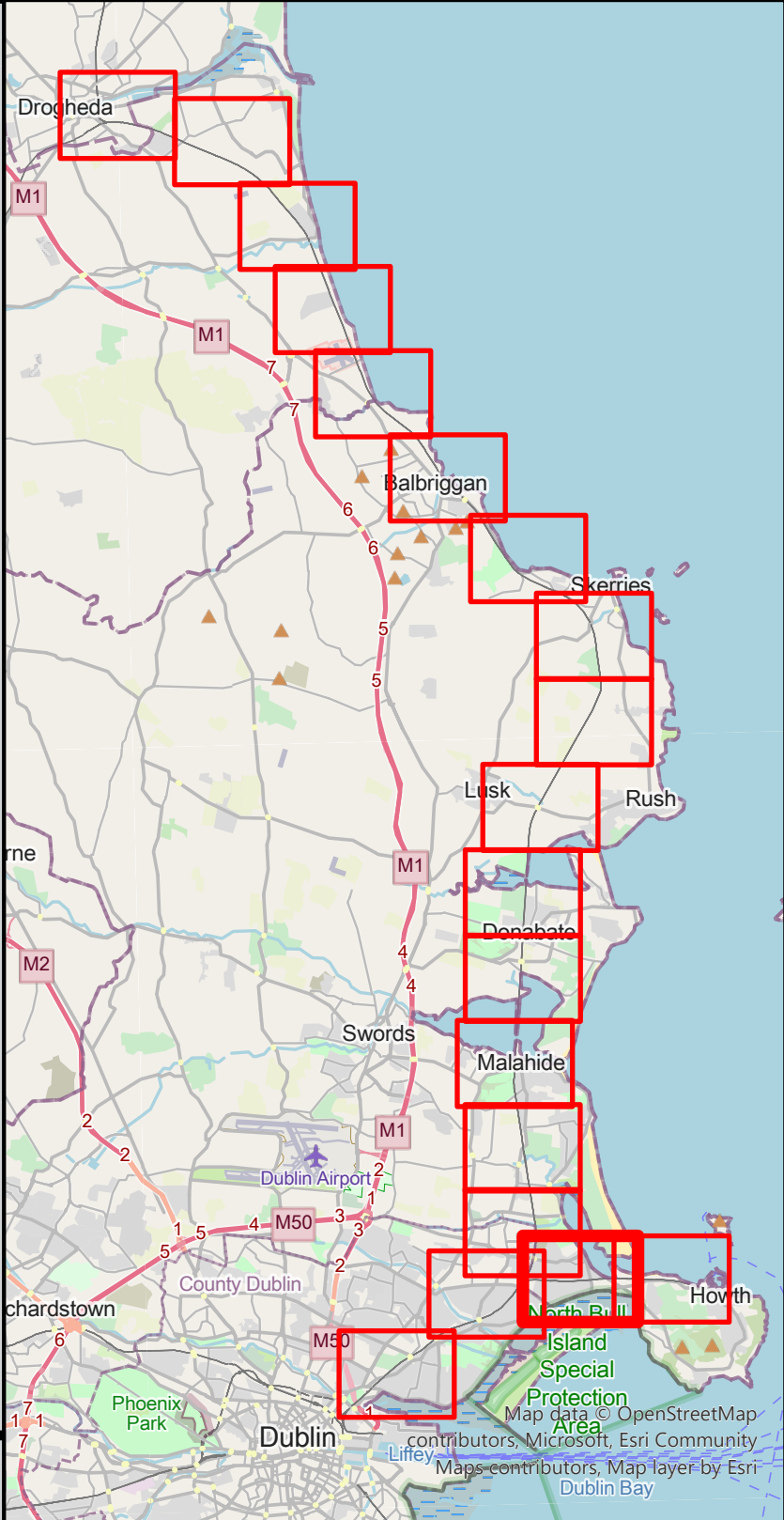
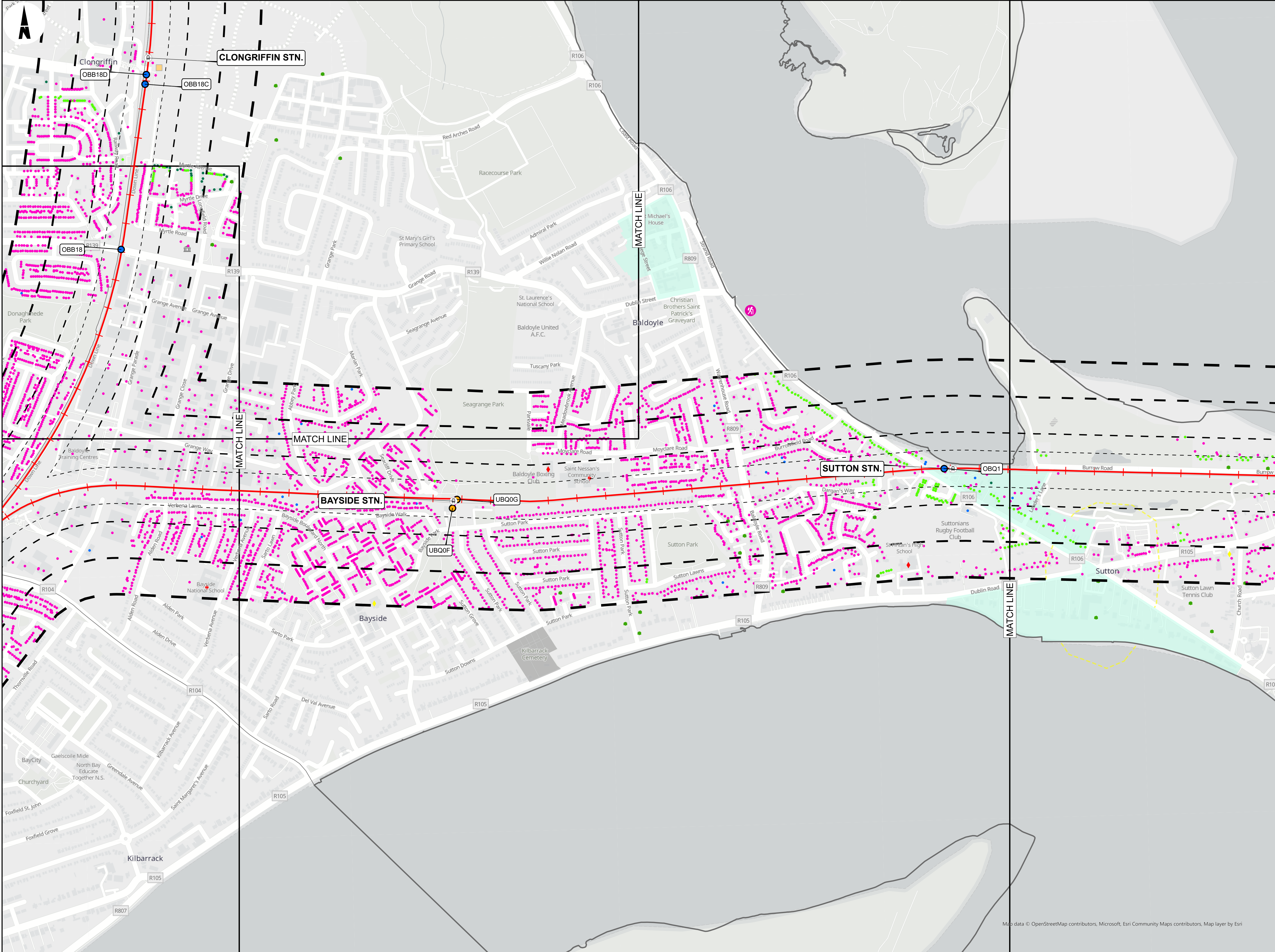
Rev	Date	Dm	Chkd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Client	
Iarnród Éireann Irish Rail	
Date	Scale
20/09/2021	1:5000 @ A1 1:10000 @ A3
Project Code	Originator Code
D+WP56	ARP

Engineering Designer		
ARUP		
Drawn	Checked	Approved
DM	SH	COD
QMS Code		
279933-00		

Project Title	
DART+ COASTAL NORTH	
Drawing Title	
CONSTRAINTS REPORT POPULATION CONSTRAINTS OPEN STREET MAP BASEMAP	
Drawing File Name	Sheet Number
D+WP56-ARP-ZZ-NL-OR-EV-000915	15 of 19
Status	Rev
902	P03





**LEGEND**

RAILWAY STATIONS

OVERBRIDGE

UNDERBRIDGE

RAILWAY LINE

**BUFFERS**

60M

100M

200M

300M

ADMINISTRATIVE BOUNDARY

COUNTY BOUNDARY

**BUILDING USE WITHIN 300M OF EXISTING RAIL LINE**

RESIDENTIAL

COMMERCIAL/RETAIL

APARTMENT BUILDING

STADIUM

HOTEL

BUILDING GENERAL

FIRE STATION

GARDA STATION

EDUCATIONAL

HOSPITAL

RELIGIOUS

BARRACK

**FINGAL COUNTY COUNCIL**

**SPECIFIC OBJECTIVE POINTS**

COASTAL WALK

LOCAL CENTRE

PROPOSED SCHOOL SITE

WOODLAND

**SPECIFIC OBJECTIVE AREAS**

ARCHITECTURAL CONSERVATION AREA

BURIAL SITE

URBAN FRAMEWORK PLAN

Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.

Rev	Date	Dm	Chk'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Date20/09/2021Scale1:5000 @ A11:10000 @ A3

Project CodeD+WP56Originator CodeARP

Engineering Designer

Drawn DMChecked SHApproved COD

QMS Code279933-00

Project TitleDART+ COASTAL NORTH

Drawing TitleCONSTRAINTS REPORT  
POPULATION CONSTRAINTS  
OPEN STREET MAP BASEMAP

Drawing File NameD+WP56-ARP-ZZ-NL-OR-EV-000916

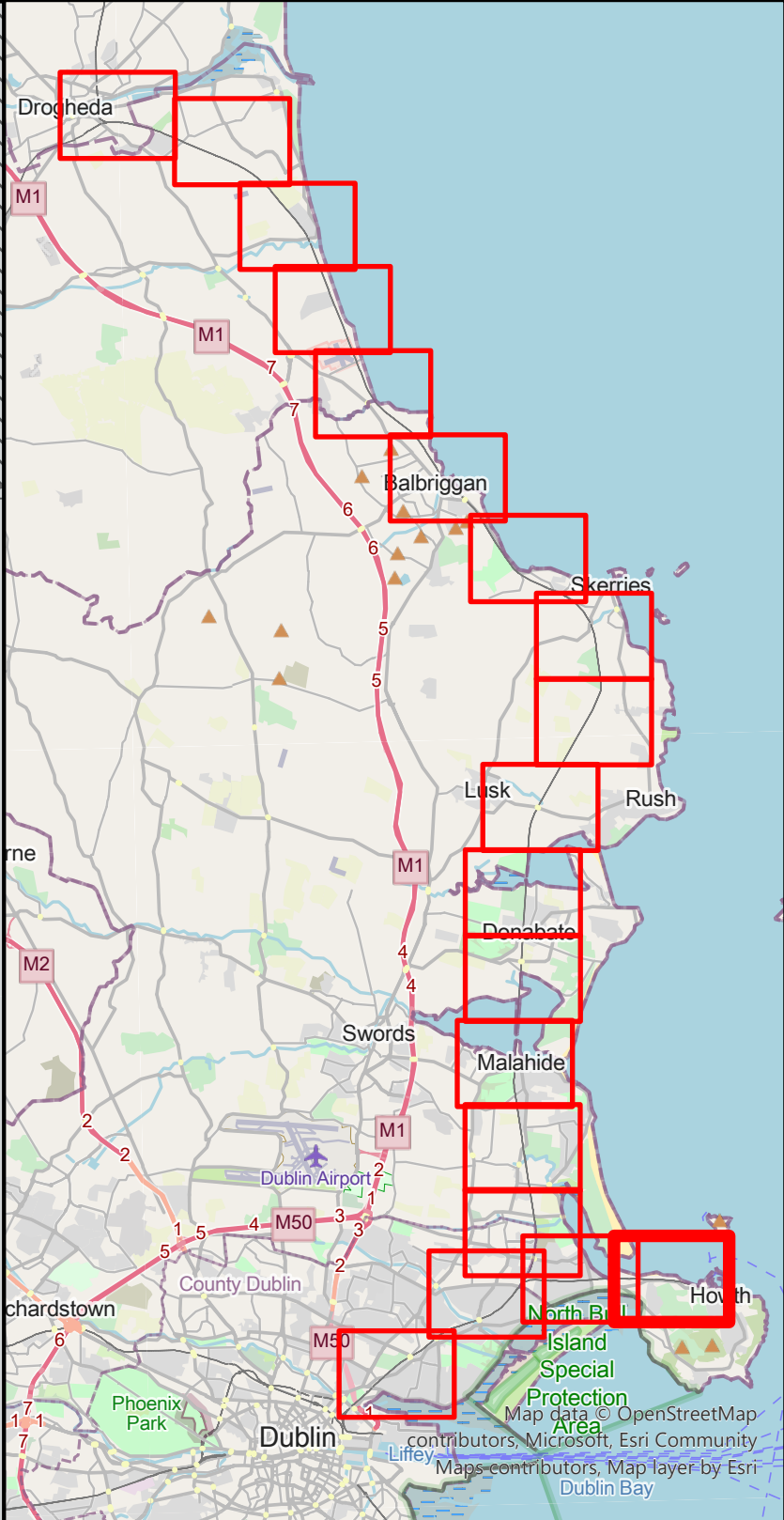
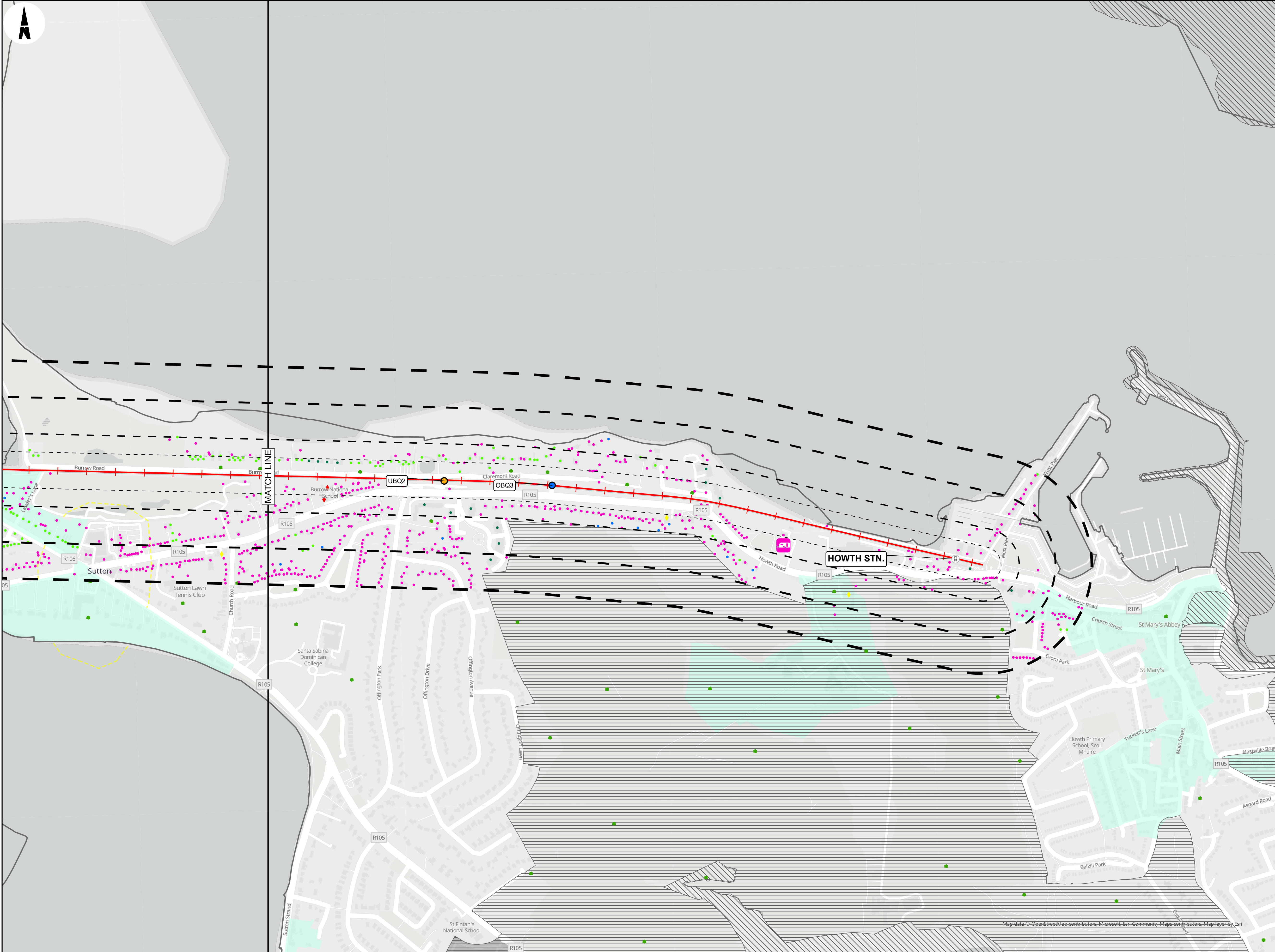
Sheet Number16 of 19

Status902

RevP03

© Arup





**LEGEND**

RAILWAY STATIONS

**BRIDGES**

OVERBRIDGE

UNDERBRIDGE

RAILWAY LINE

**BUFFERS**

50M

100M

200M

300M

ADMINISTRATIVE BOUNDARY

COUNTY BOUNDARY

**BUILDING USE WITHIN 300M OF EXISTING RAIL LINE**

RESIDENTIAL

COMMERCIAL/RETAIL

APARTMENT BUILDING

STADIUM

HOTEL

BUILDING GENERAL

FIRE STATION

GARDA STATION

EDUCATIONAL

HOSPITAL

RELIGIOUS

BARRACK

**FINGAL COUNTY COUNCIL**

**SPECIFIC OBJECTIVE POINTS**

TRAVELLER ACCOMMODATION

WOODLAND

**SPECIFIC OBJECTIVE AREAS**

ARCHITECTURAL CONSERVATION AREA

BURIAL SITE

HOWTH SAA BUFFER ZONE

LIFFEY VALLEY SAAO & 1999 PROPOSED HOWTH SAAO

URBAN FRAMEWORK PLAN

Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data ) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

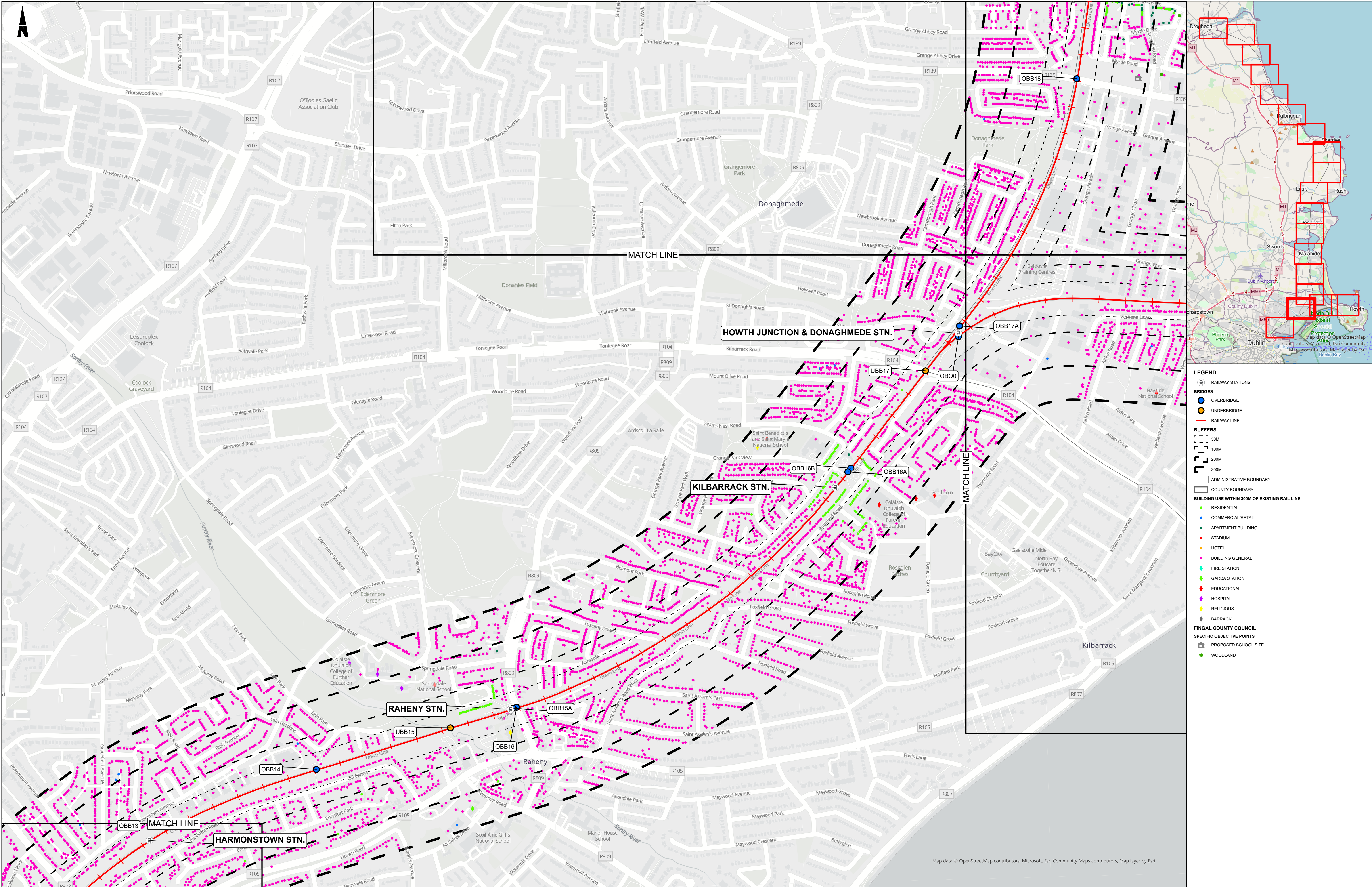
Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.

Udarás Náisiúnta Iompair  
National Transport Authority

Rev	Date	Dm	Chk'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Client		Engineering Designer			Project Title				
Date 20/09/2021		Scale 1:5000 @ A1 1:10000 @ A3		Drawn DM		Checked SH		Approved COD	
Project Code D+WP56		Originator Code ARP		QMS Code 279933-00		Drawing File Name D+WP56-ARP-ZZ-NL-OR-EV-000917			
				Sheet Number 17 of 19		Status 902		Rev P03	





Copyright  
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSi Aerial Data or OSi Lidar Data) & Survey No. 2021/OSi\_NMA\_180 (OSi Vector Data). All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.

NTA  
National Transport Authority

Tionscadal Éireann  
Project Ireland  
2040

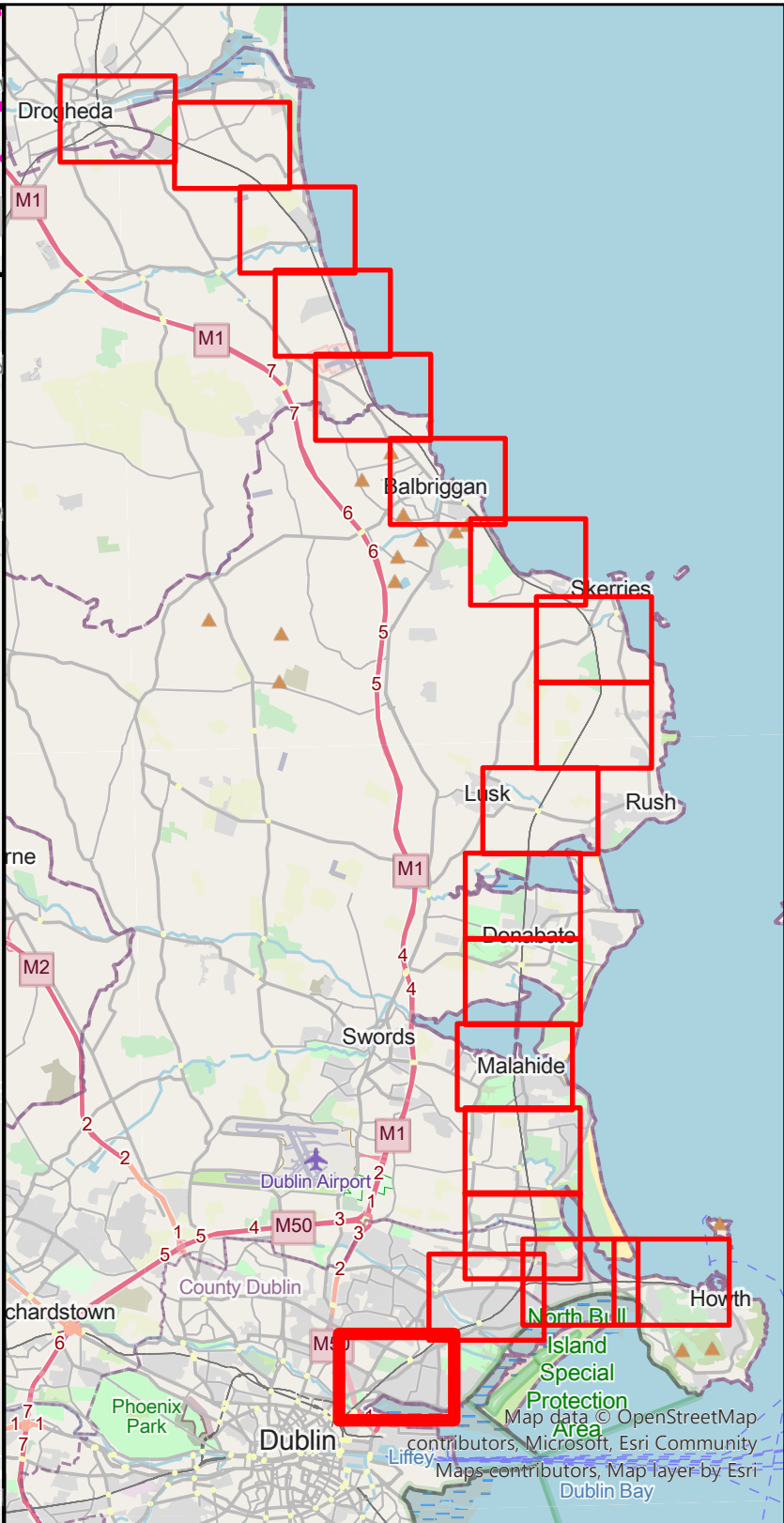
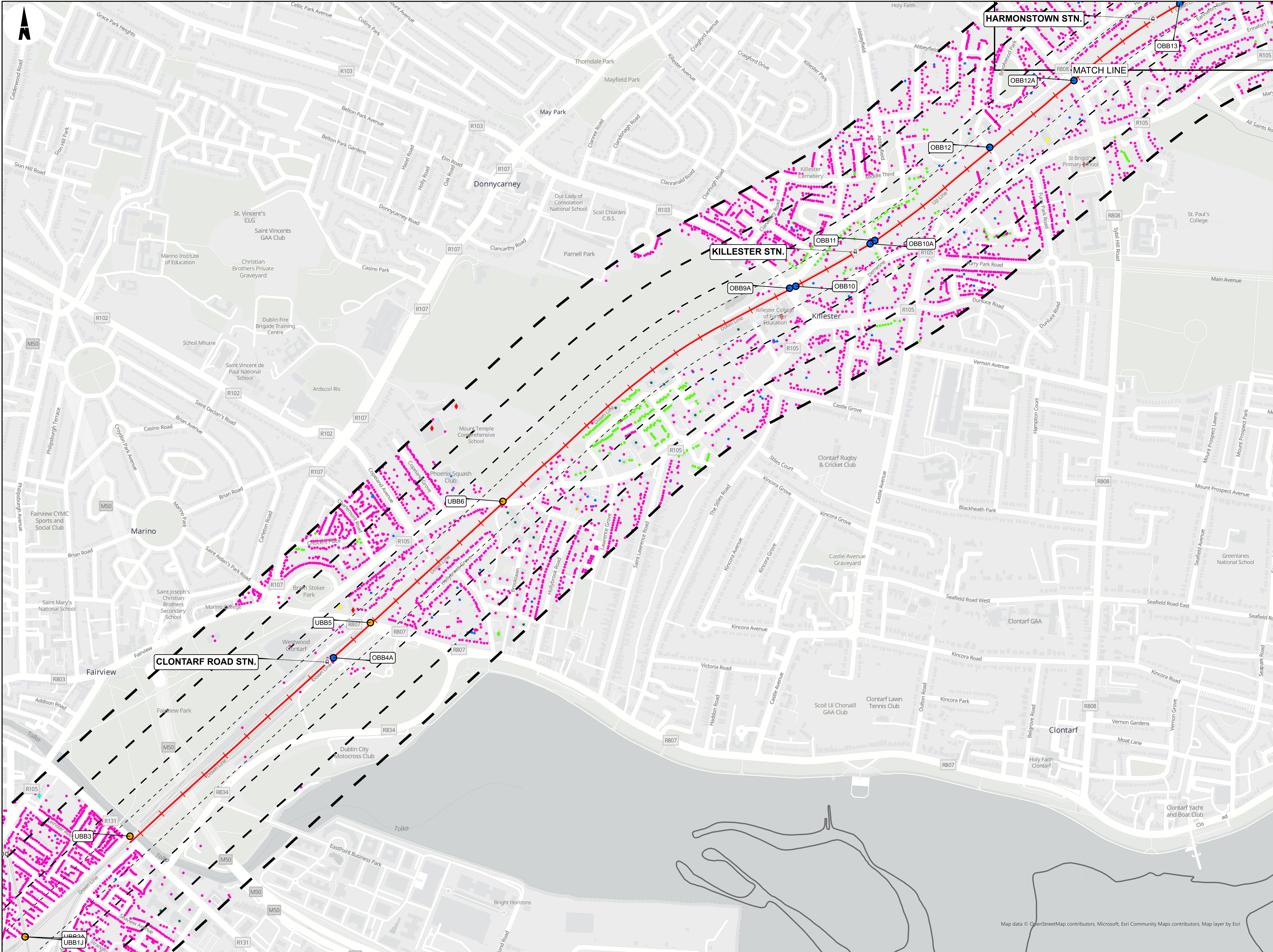
Rev	Date	Dn	Chkd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Iarnród Éireann  
Irish Rail

Client		Engineering Designer			Project Title	
Date	20/09/2021	Scale	1:5000 @ A1 1:10000 @ A3	Drawn	DM	DART+ COASTAL NORTH
Project Code	D+WP56	Originator Code	ARP	Checked	SH	
				Approved	COD	
QMS Code		279933-00			Drawing File Name	
					D+WP56-ARP-ZZ-NL-DR-EV-000918	

Sheet Number	Status	Rev
18 of 19	902	P03





- LEGEND**
- RAILWAY STATIONS
  - BRIDGES
    - OVERBRIDGE
    - UNDERBRIDGE
  - RAILWAY LINE
  - BUFFERS
    - 50M
    - 100M
    - 200M
    - 300M
  - ADMINISTRATIVE BOUNDARY
  - COUNTY BOUNDARY
  - BUILDING USE WITHIN 300M OF EXISTING RAIL LINE
    - RESIDENTIAL
    - COMMERCIAL/RETAIL
    - APARTMENT BUILDING
    - STADIUM
    - HOTEL
    - BUILDING GENERAL
    - FIRE STATION
    - GARDA STATION
    - EDUCATIONAL
    - HOSPITAL
    - RELIGIOUS
    - BARRACK

Copyright © Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.



© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0030720 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2021/OSI\_NMA\_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Mean Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Notes  
1. The labels used for building use has been attained from the OSI Prime2 dataset.



Rev	Date	Dm	Chk'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Client		Engineering Designer			Project Title					
					DART+ COASTAL NORTH					
Date		Scale		Drawn	Checked	Approved	Drawing Title			
20/09/2021		1:5000 @ A1 1:10000 @ A3		DM	SH	COO				
Project Code		Originator Code		QMS Code		Drawing File Name		Sheet Number	Status	Rev
D+WP56		ARP		279933-00		D+WP56-ARP-ZZ-NL-DL-DR-EV-000919		19 of 19	S02	P03