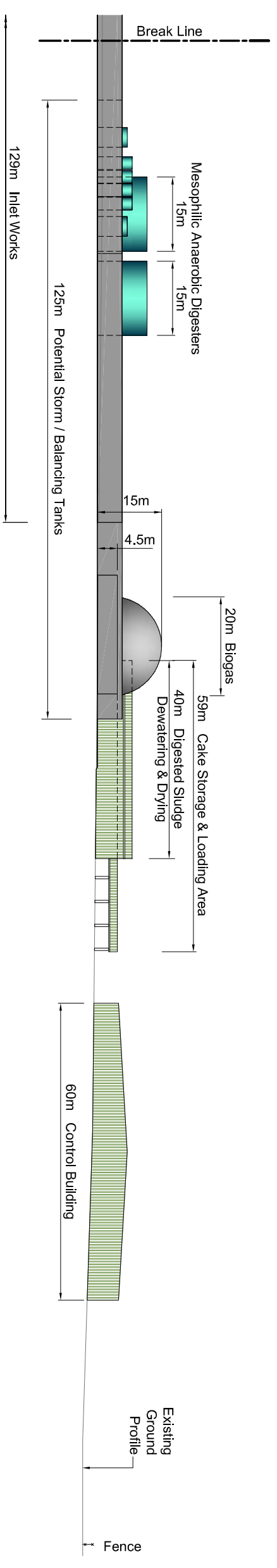


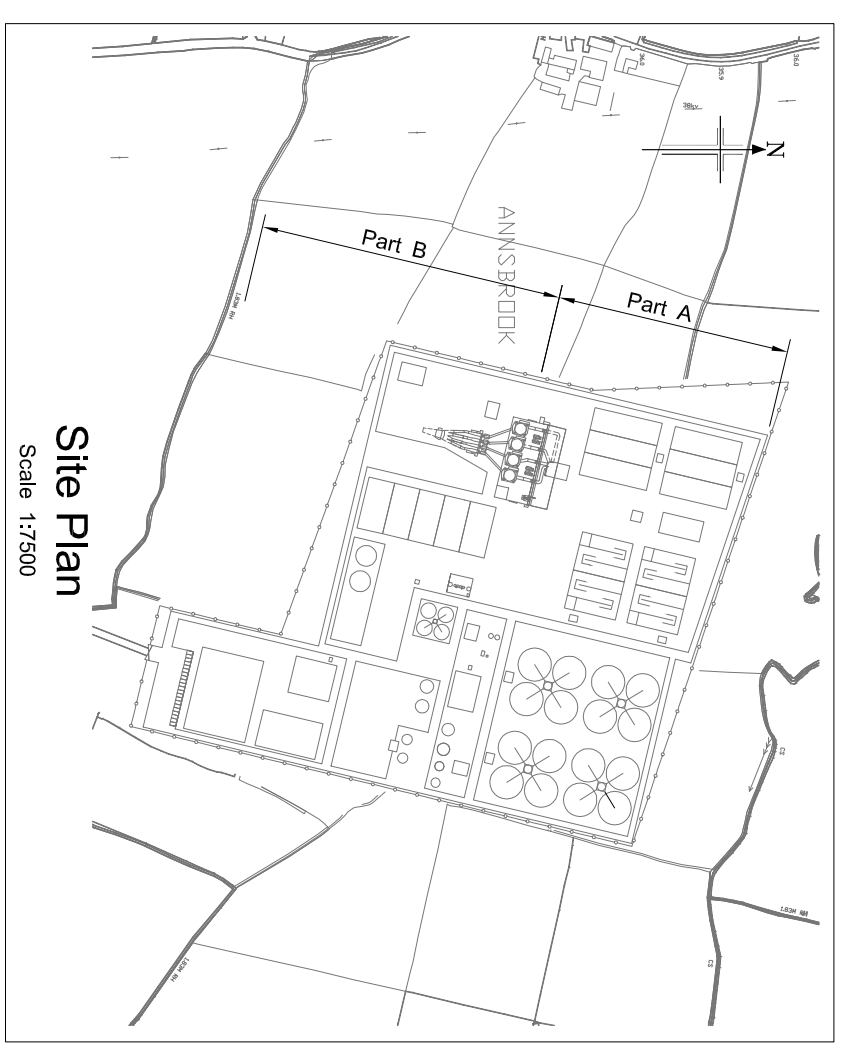
**Part Elevation Looking East - Part A**

Scale 1:1000



**Part Elevation Looking East - Part B**

Scale 1:1000



**Site Plan**

Scale 1:7500

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**Notes :**

1. This drawing is not to be scaled. Figured dimensions only to be taken.
2. This drawing is for indicative use only.
3. Refer to drawing No. 8B 'Annsbrook: Indicative Layout' and drawing No. 5 'Indicative WWTP Layout' for information.



Rev	17.05.13	ISSUED				
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Approved

**JACOBS** **TOBIN**

FINGAL COUNTY COUNCIL

Client  
 FINGAL COUNTY COUNCIL

Project  
 GREATER DUBLIN DRAINAGE SCHEME

Drawing title  
 ALTERNATIVE SITES ASSESSMENT  
 AND ROUTE SELECTION REPORT (Phase 4)

ANNSBROOK  
 (EMERGING PREFERRED SITE)  
 WWTP INDICATIVE ELEVATIONS

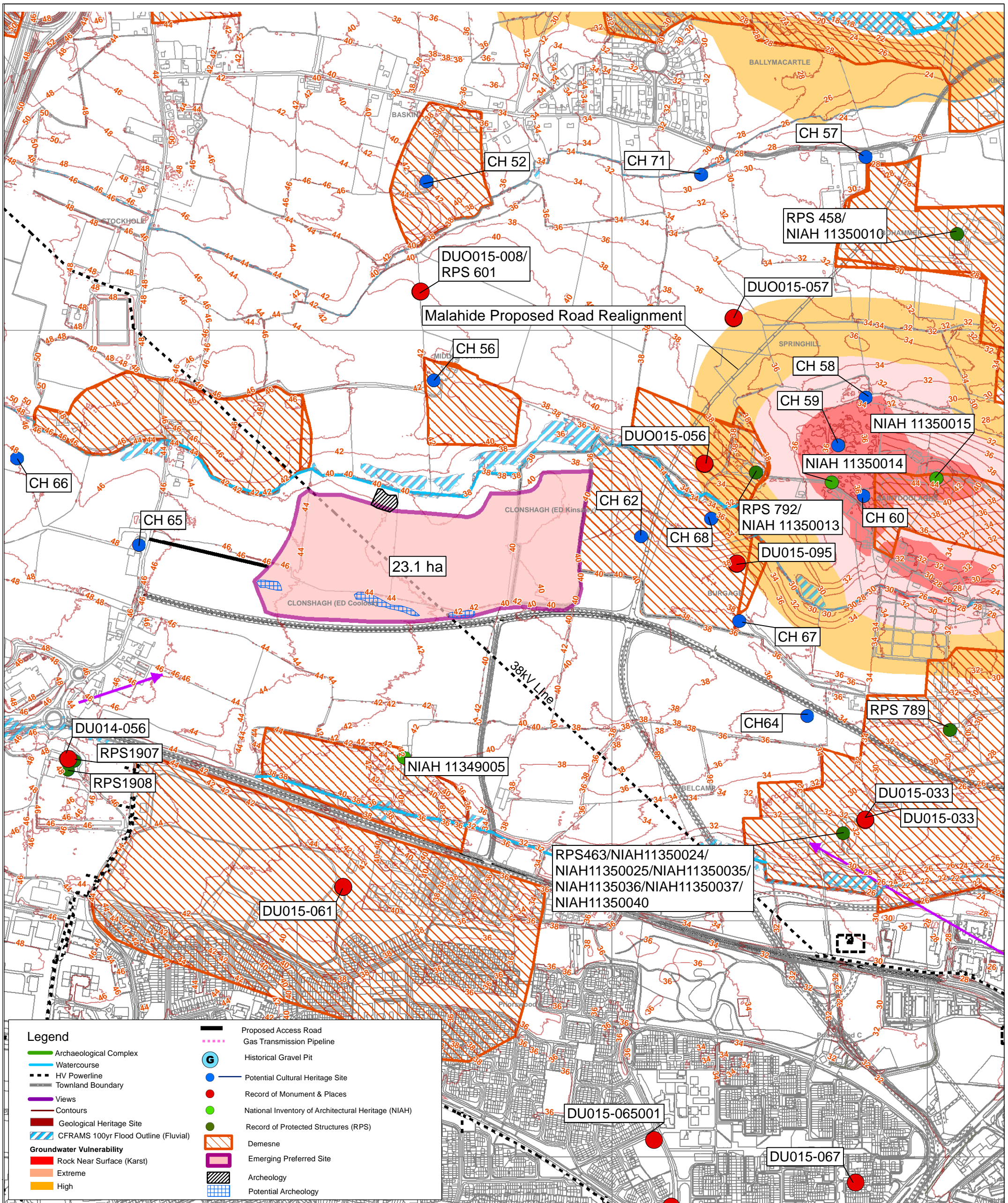
Drawing status  
 ISSUED

Scale  
 As Shown @ A3  
 DO NOT SCALE

Drawing number  
**Drawing No. 8C**

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**Legend**

- Archaeological Complex
- Watercourse
- HV Powerline
- Townland Boundary
- Views
- Contours
- Geological Heritage Site
- CFRAMS 100yr Flood Outline (Fluvial)
- Groundwater Vulnerability**
  - Rock Near Surface (Karst)
  - Extreme
  - High
- Proposed Access Road
- Gas Transmission Pipeline
- Historical Gravel Pit
- Potential Cultural Heritage Site
- Record of Monument & Places
- National Inventory of Architectural Heritage (NIAH)
- Record of Protected Structures (RPS)
- Demesne
- Emerging Preferred Site
- Archeology
- Potential Archeology

**Drawing Title**  
 ALTERNATIVE SITES ASSESSMENT  
 AND ROUTE SELECTION REPORT (Phase 4)  
**CLONSHAGH (CLONSHAUGH)  
 EMERGING PREFERRED SITE -  
 CONSTRAINTS**

Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
A	17/05/13	ISSUED	GF	AWD	DC	COK

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**Drawing Status** ISSUED

Scale @ A3 1:9,000 DO NOT SCALE

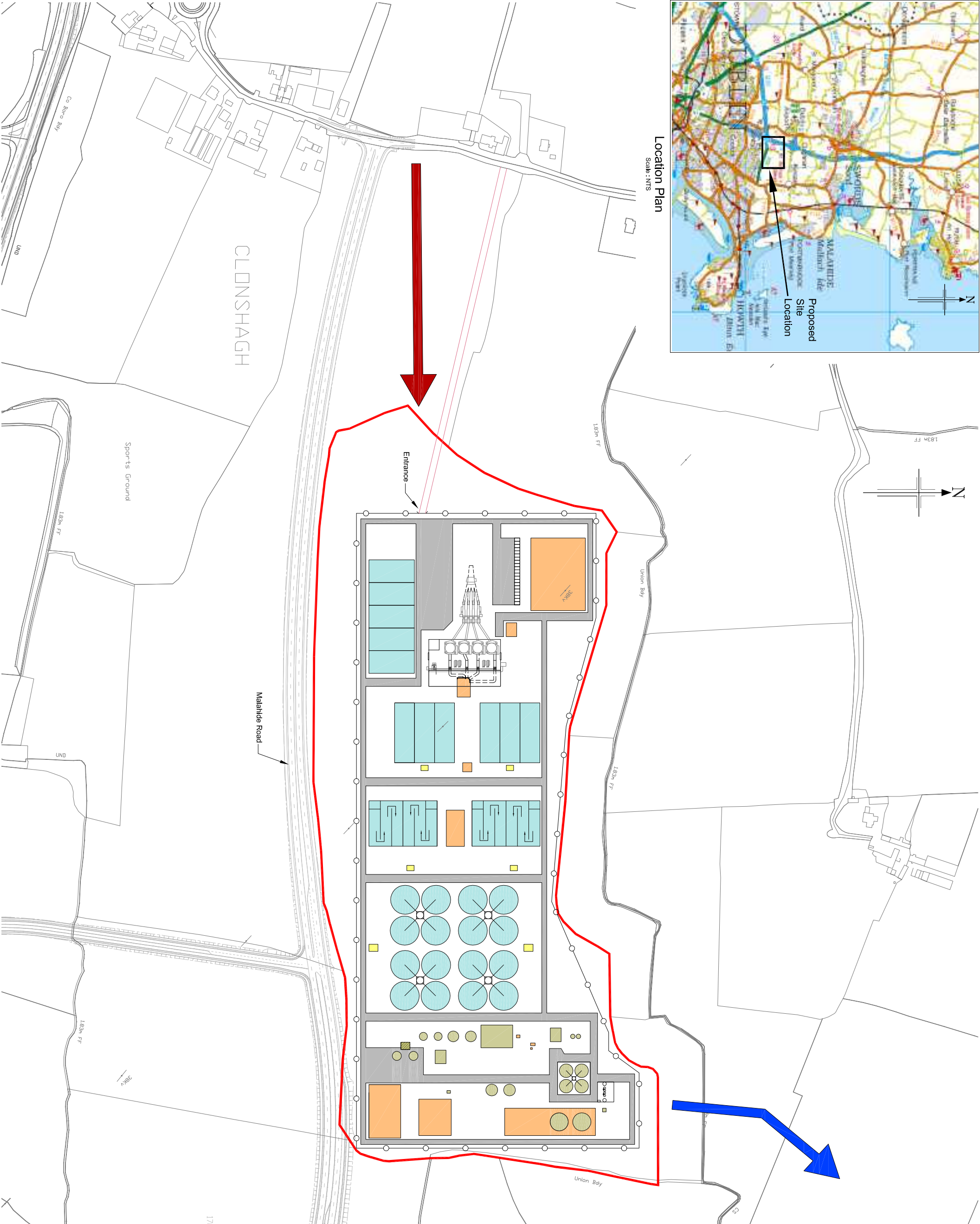
Job No. 32102900

Drawing No. **FIGURE 9A**





**Location Plan**  
 Scale: NTS



- Notes:**
1. This drawing is not to be scaled. Figured dimensions only to be taken.
  2. This drawing is for indicative use only.
  3. 38kV Power line passes through the proposed land boundary. Power line to be re-routed around site boundary.

**Legend:**

	Proposed Land Boundary
	Proposed Incoming Raw Sewage Main
	Proposed Outgoing Final Effluent Main
	Proposed Access Road
	Proposed Chamber
	Proposed tank
	Proposed Building / Designated Area
	Proposed Sludge Plant
	Proposed Imported Sludges Plant
	Proposed Road (within site perimeter)



**JACOBS** **TOBIN**

FIN GAL COUNTY COUNCIL

Project  
 GREATER DUBLIN DRAINAGE SCHEME

Drawing title  
 ALTERNATIVE SITES ASSESSMENT AND ROUTE SELECTION REPORT (Phase 4)

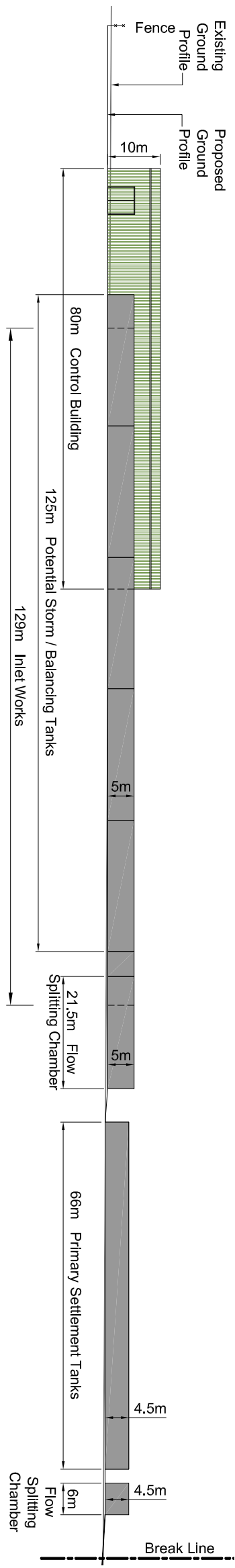
**CLONSHAGH (CLONSHAGH) (EMERGING PREFERRED SITE) WWTP INDICATIVE LAYOUT**

Drawing status

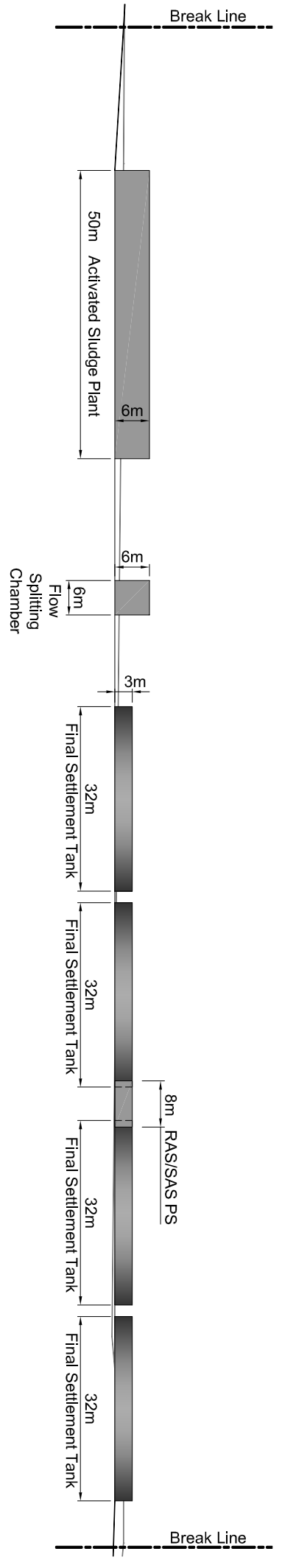
Scale	NTS @ A3	DO NOT SCALE
Jacobs No.	32102300	
Client no.		

Drawing number  
**Drawing No. 9B**

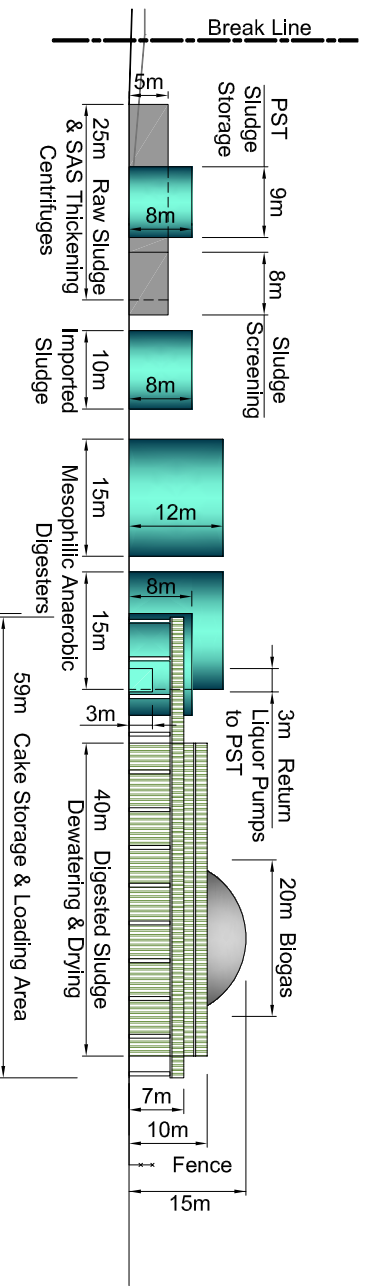
This drawing is not to be used in whole or part other than for the intended purpose and no project as defined on this drawing. Refer to the contract for full terms and conditions.



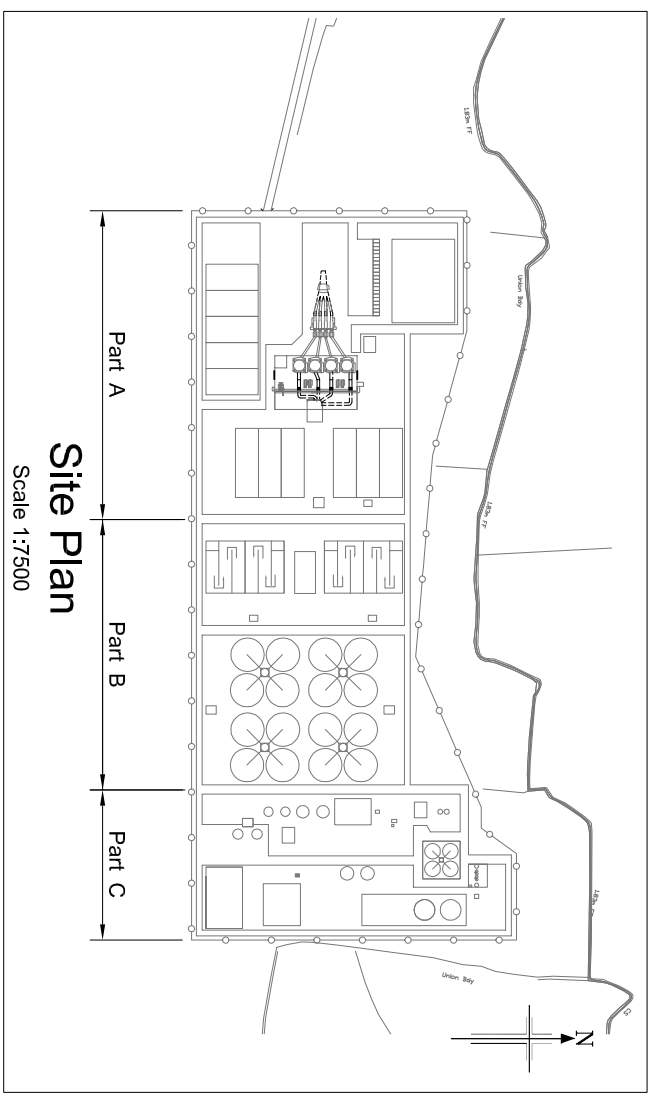
**Part Elevation Looking North - Part A**  
 Scale 1:1000



**Part Elevation Looking North - Part B**  
 Scale 1:1000



**Part Elevation Looking North - Part C**  
 Scale 1:1000



**Site Plan**  
 Scale 1:7500

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- Notes :
1. This drawing is not to be scaled. Figured dimensions only to be taken.
  2. This drawing is for indicative use only.
  3. 38kV Power line passes through the proposed land boundary. Power line to be re-routed around site boundary.
  4. Refer to drawing No. 9B 'Clonshagh: Indicative Layout' and drawing No. 5 'Indicative WWTP Layout' for information.



Rev	17.05.13	ISSUED					
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	App'd	CHK

Client: **JACOBS TOBIN**  
 FINGAL COUNTY COUNCIL

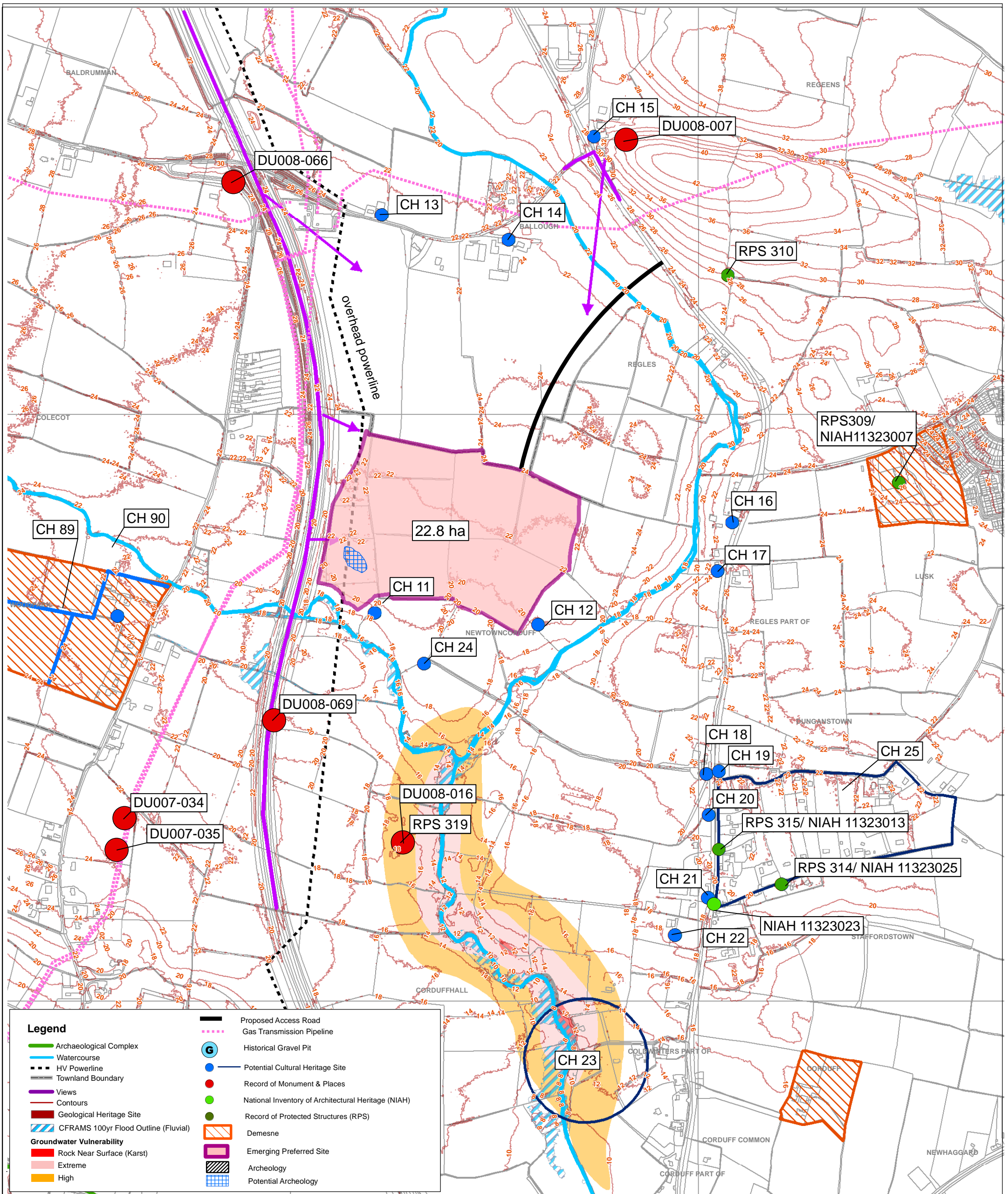
Project: **GREATER DUBLIN DRAINAGE SCHEME**

Drawing title: **ALTERNATIVE SITES ASSESSMENT AND ROUTE SELECTION REPORT (Phase 4)**  
**CLONSHAGH (CLONSHAGH) (EMERGING PREFERRED SITE) WWTP INDICATIVE ELEVATIONS**

Drawing status	ISSUED		
Scale	As Shown @ A3	DO NOT SCALE	
Jacobs No.	32102900		
Client no.			
Drawing number	<b>Drawing 9C</b>		
Rev	<b>A</b>		

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**Greater Dublin Drainage**

Drawing Title  
**ALTERNATIVE SITES ASSESSMENT AND ROUTE SELECTION REPORT (Phase 4)**  
**NEWTOWNCORDUFF EMERGING PREFERRED SITE - CONSTRAINTS**

Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
A	17/05/13	ISSUED	GF	AWD	DC	CKK

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W N E S

0 100 200 300 400  
Meters

**JACOBS** **TOBIN**

Drawing Status: **ISSUED**

Scale @ A3: 1:9,000 DO NOT SCALE

Job No.: 32102900

Drawing No.: **FIGURE 10A**





**Location Plan**  
 Scale: NTS



- Notes:**
1. This drawing is not to be scaled. Figured dimensions only to be taken.
  2. This drawing is for indicative use only.
  3. High voltage overhead power line passes through proposed site boundary.

**Legend:**

- Proposed Land Boundary
- Proposed Site Perimeter
- Proposed Outgoing Final Effluent Main
- Proposed Incoming Raw Sewage Main
- Proposed Access Road
- Proposed Chamber
- Proposed tank
- Proposed Building / Designated Area
- Proposed Sludge Plant
- Proposed Imported Sludges Plant
- Proposed Road (within site perimeter)



**JACOBS** **TOBIN**

Client: **FINGAL COUNTY COUNCIL**

Project: **GREATER DUBLIN DRAINAGE SCHEME**

Drawing title: **ALTERNATIVE SITES ASSESSMENT AND ROUTE SELECTION REPORT (Phase 4)**

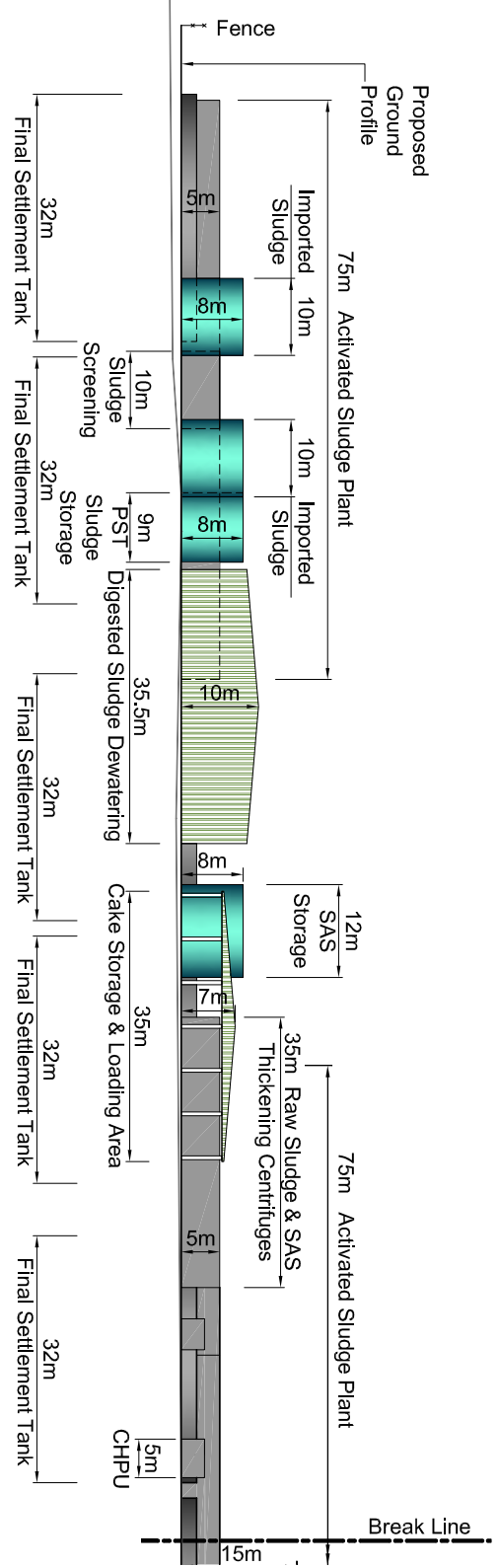
**NEWTOWNCORDUFF (EMERGING PREFERRED SITE) WWTP INDICATIVE LAYOUT**

Drawing status: **ISSUED**      **DO NOT SCALE**

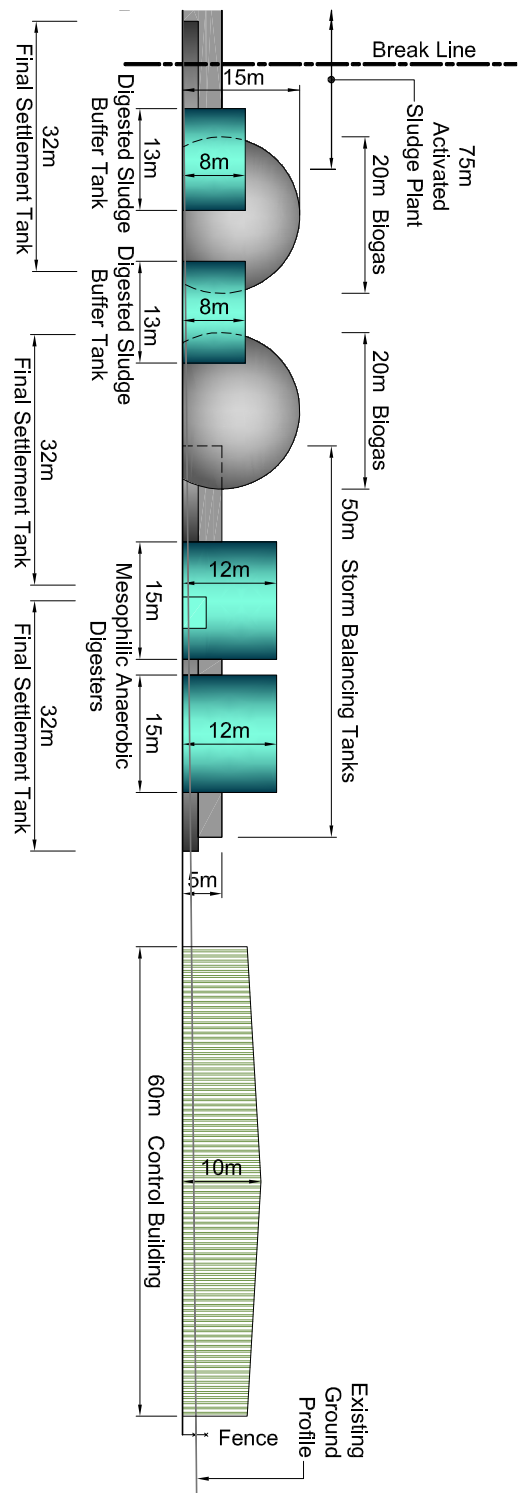
Scale	NTS @ A3	DO NOT SCALE
Jacobs No.	32102900	
Client no.		
Drawing number	<b>Drawing 10B</b>	
Rev	<b>A</b>	

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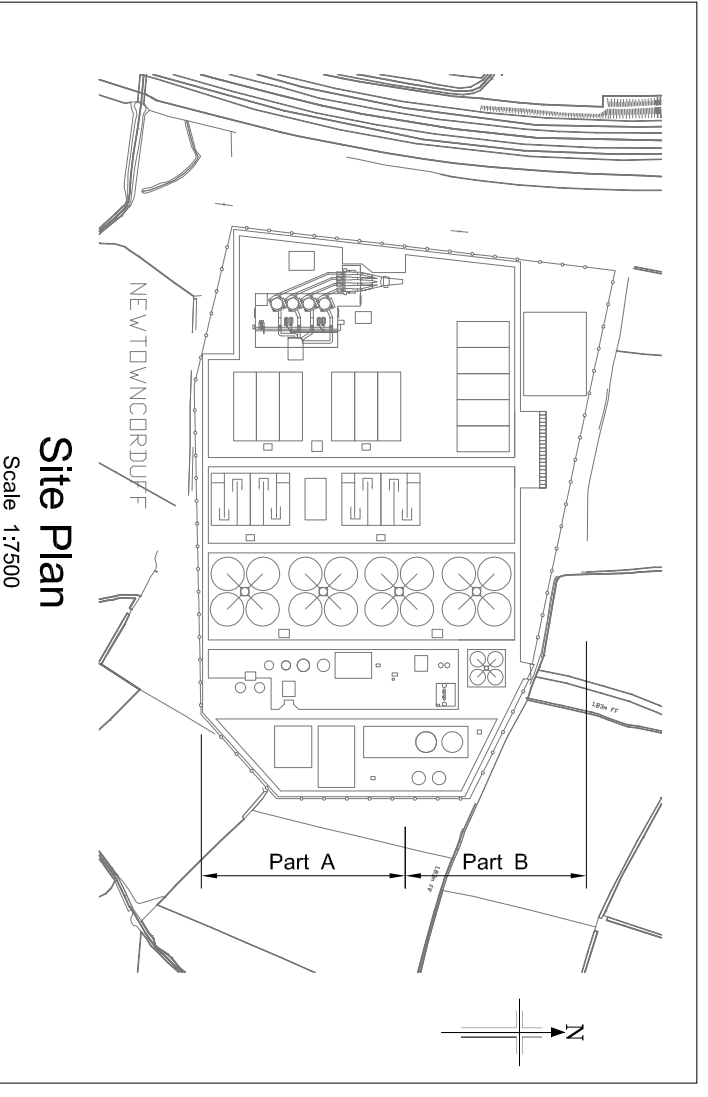




**Part Elevation Looking West - Part A**  
 Scale 1:1000



**Part Elevation Looking West - Part B**  
 Scale 1:1000



**Site Plan**  
 Scale 1:7500

**Notes :**

1. This drawing is not to be scaled. Figured dimensions only to be taken.
2. This drawing is for indicative use only.
3. Refer to drawing No. 10B ' Newtowncorruff: WWTP Indicative Layout', and drawing No. 5 'Indicative WWTP Layout' for information.



PO	06/03/13	FOR INFORMATION	DA	SL	AL	AL
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Approved

**JACOBS** **TOBIN**  
 FINGAL COUNTY COUNCIL

Client  
 FINGAL COUNTY COUNCIL

Project  
 GREATER DUBLIN DRAINAGE SCHEME

Drawing title  
 ALTERNATIVE SITES ASSESSMENT  
 AND ROUTE SELECTION REPORT (Phase 4)  
 NEWTOWNCORRUFF  
 (EMERGING PREFERRED SITE)  
 WWTP INDICATIVE ELEVATIONS

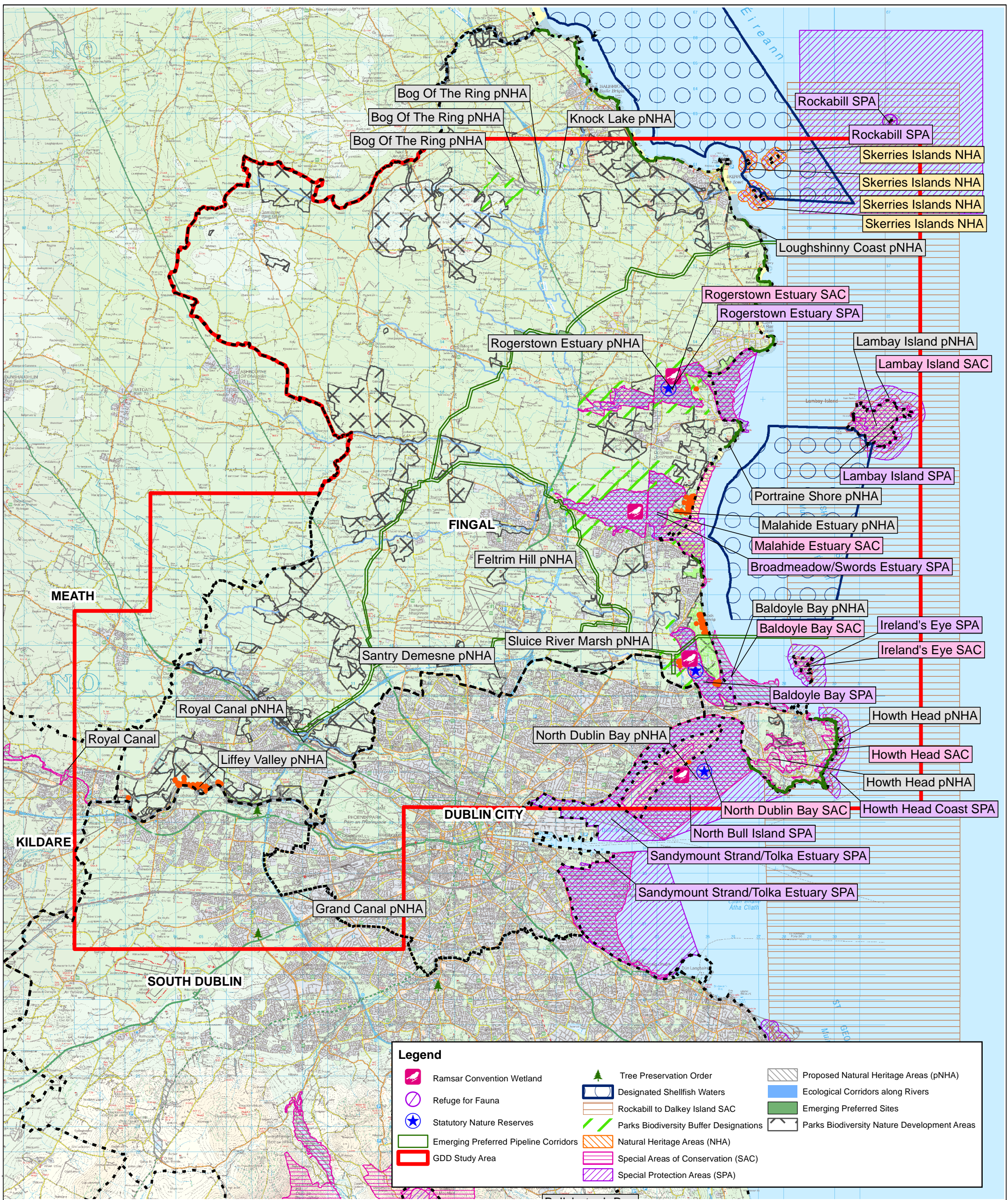
Drawing status  
 ISSUED

Scale	As Noted @ A3	DO NOT SCALE
Jacobs No.	32102900	
Client no.		
Drawing number		

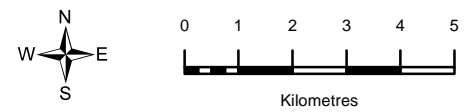
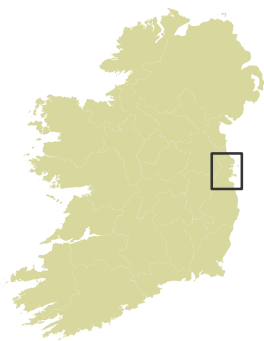
**Drawing No. 10C**  
 Rev **A**

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Legend	
	Ramsar Convention Wetland
	Refuge for Fauna
	Statutory Nature Reserves
	Emerging Preferred Pipeline Corridors
	GDD Study Area
	Tree Preservation Order
	Designated Shellfish Waters
	Rockabill to Dalkey Island SAC
	Parks Biodiversity Buffer Designations
	Natural Heritage Areas (NHA)
	Special Areas of Conservation (SAC)
	Special Protection Areas (SPA)
	Proposed Natural Heritage Areas (pNHA)
	Ecological Corridors along Rivers
	Emerging Preferred Sites
	Parks Biodiversity Nature Development Areas



ALTERNATIVE SITES ASSESSMENT AND ROUTE SELECTION REPORT (Phase 4)  
DESIGNATED AREAS WITHIN GDD STUDY AREA

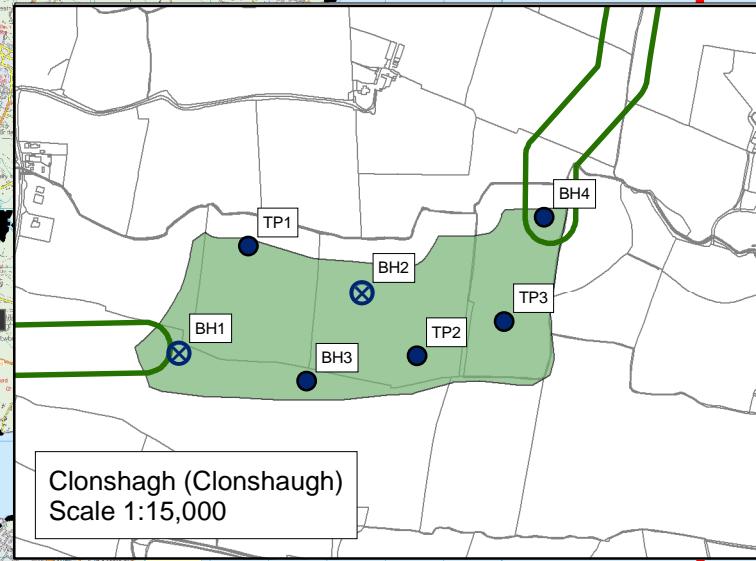
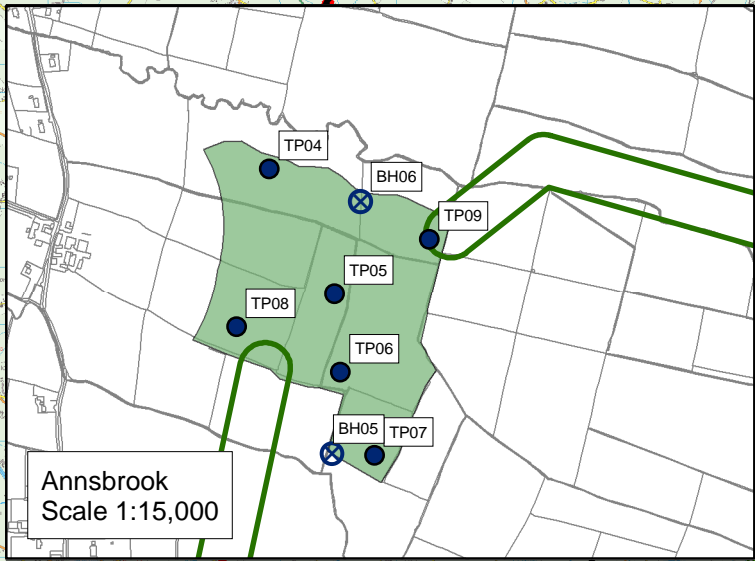
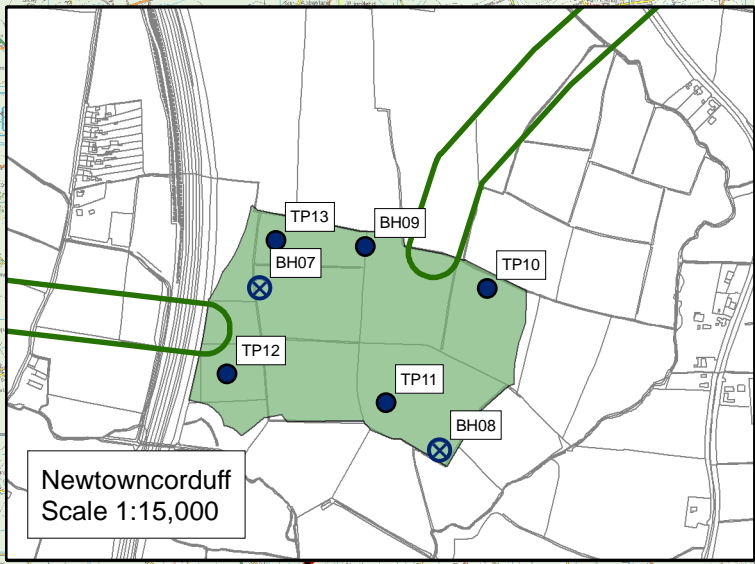
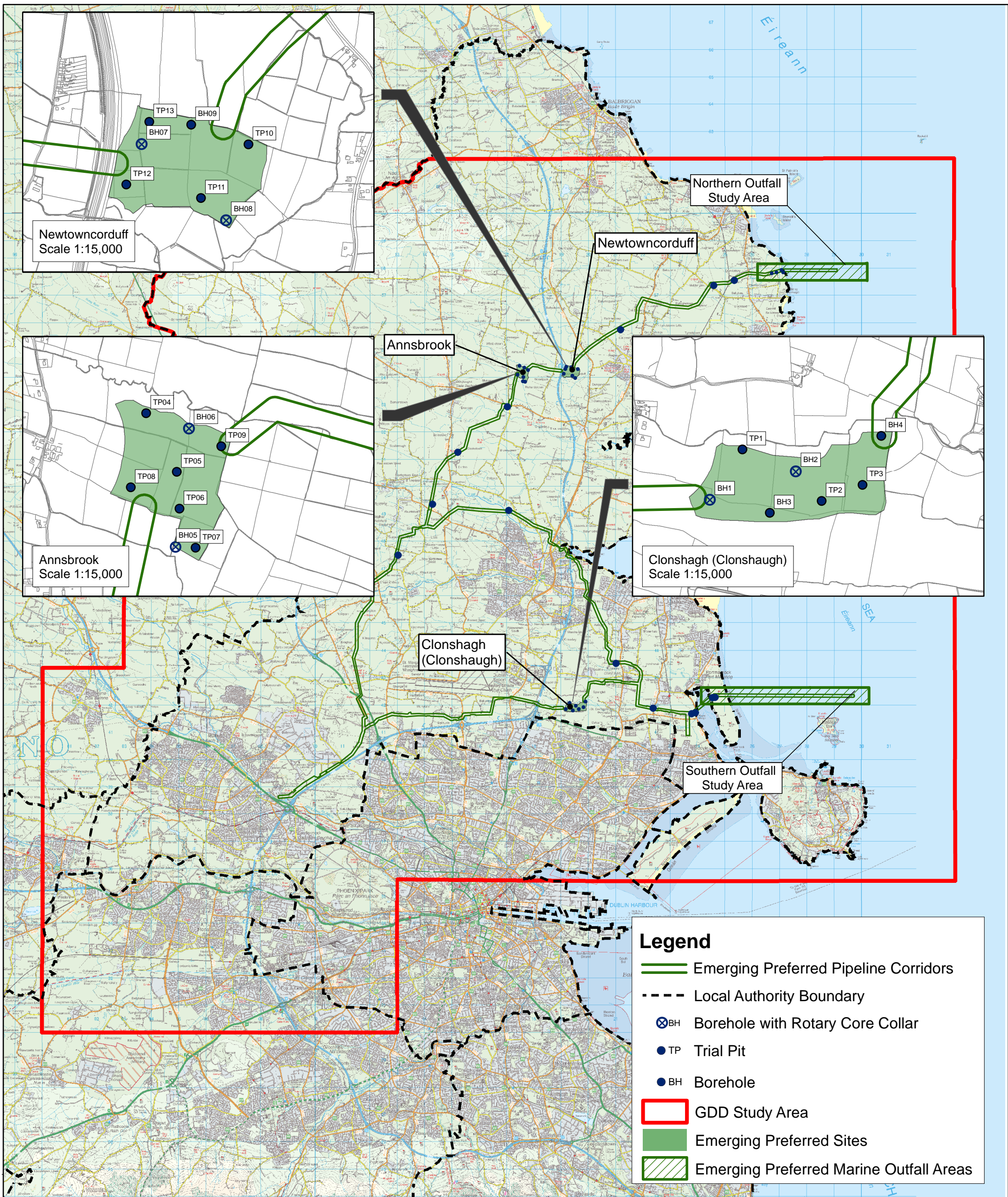
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
A	17.05.13	ISSUED	MN	AWD	DC	COK

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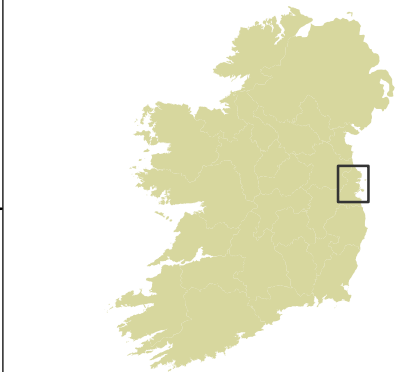
JACOBS		TOBIN	
Drawing Status	DRAFT		
Scale @ A3	1:140,000	DO NOT SCALE	
Job No.	32102900		
Drawing No.	Drawing No. 11		



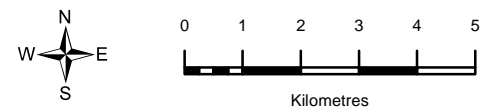


**Legend**

- Emerging Preferred Pipeline Corridors
- Local Authority Boundary
- BH Borehole with Rotary Core Collar
- TP Trial Pit
- BH Borehole
- GDD Study Area
- Emerging Preferred Sites
- Emerging Preferred Marine Outfall Areas



Rev.	Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
A	17.05.13	ISSUED	MN	AWD	DC	COK



Drawing Title  
**ALTERNATIVE SITES ASSESSMENT AND ROUTE SELECTION REPORT (Phase 4)**  
**GROUND INVESTIGATION (Location of Trial pits & Boreholes)**

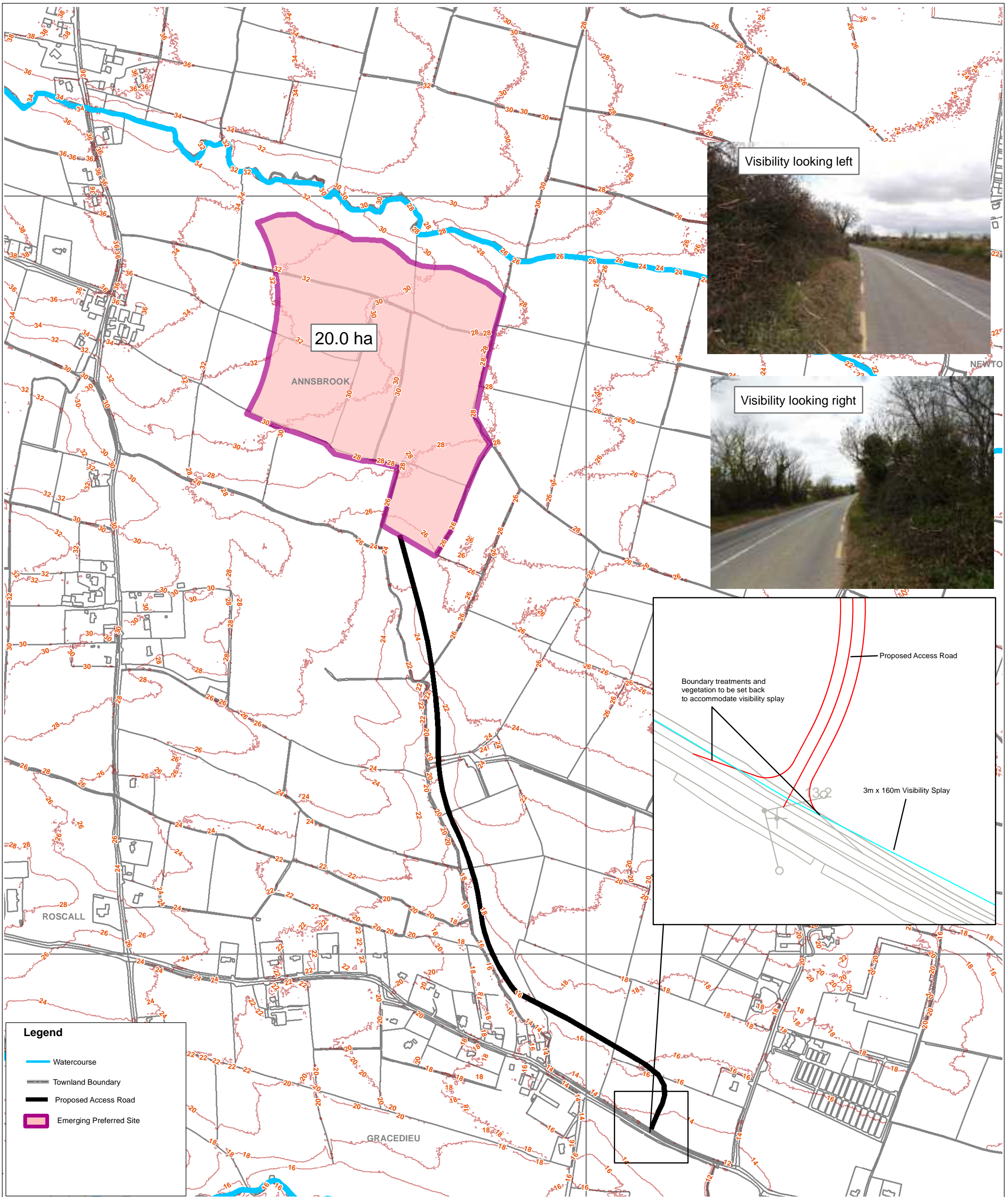
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Drawing Status	<b>ISSUED</b>	
Scale @ A3	1:130,000	DO NOT SCALE
Job No.	32102900	
Drawing No.	Drawing No. 12	





**Legend**

- Watercourse
- Townland Boundary
- Proposed Access Road
- Emerging Preferred Site




Drawing Title  
**ALTERNATIVE SITES ASSESSMENT AND ROUTE SELECTION REPORT (Phase 4)**  
**TRAFFIC AND ACCESS - ANNSBROOK**

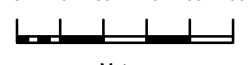
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
A	17/05/13	ISSUED	GF	AWD	ED	COK

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0 40 80 120 160 200

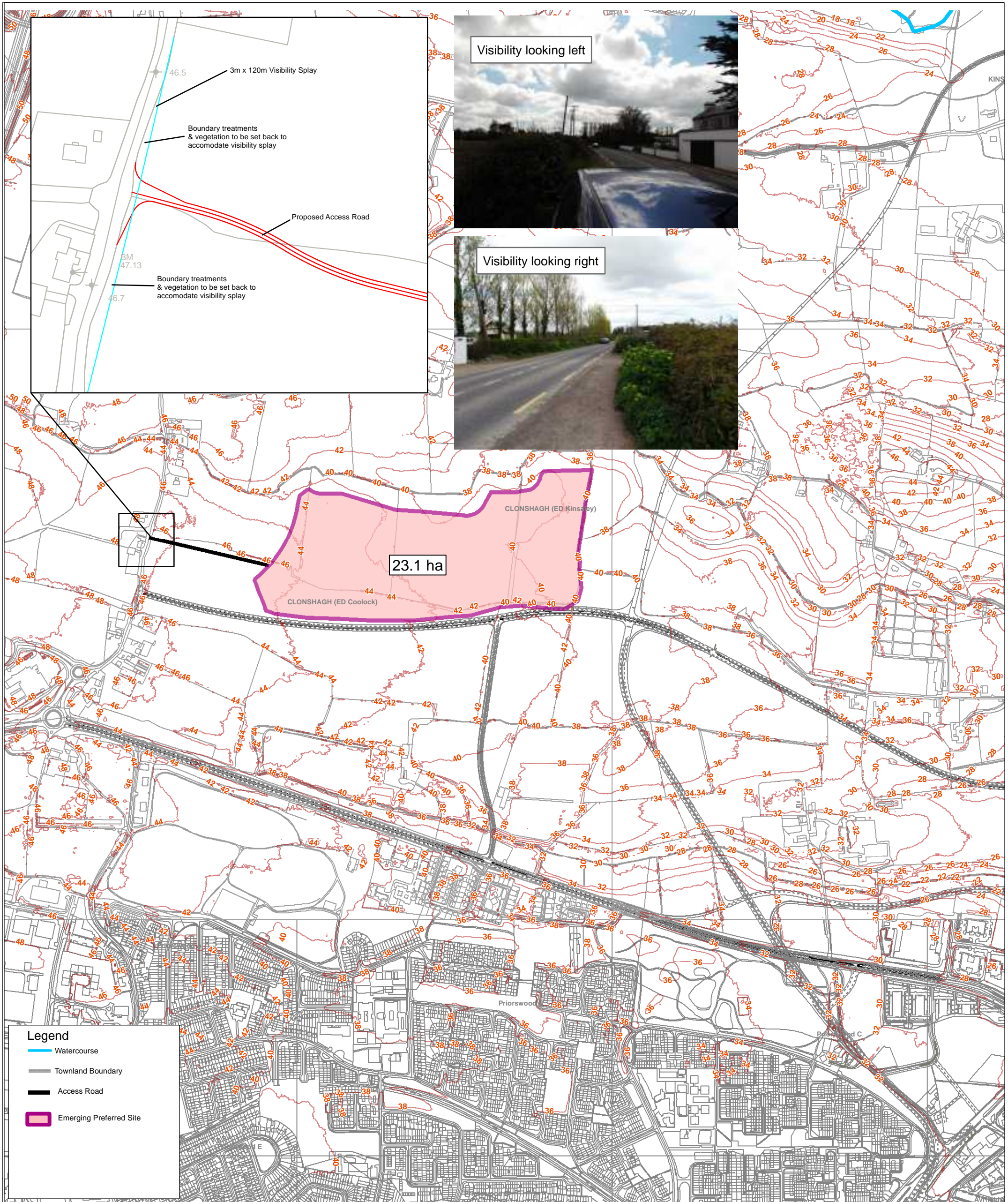


Meters

Drawing Status	<b>ISSUED</b>	
Scale @ A3	1:7,000	DO NOT SCALE
Job No.	32102900	
Drawing No.	FIGURE 13A	





**Greater Dublin Drainage**

Drawing Title

**ALTERNATIVE SITES ASSESSMENT AND ROUTE SELECTION REPORT (Phase 4)**

**TRAFFIC AND ACCESS - CLONSHAGH (CLONSHAUGH)**

A	17/05/13	ISSUED	GF	AWD	DC	COK
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

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North arrow and scale bar (0 to 400 Meters).

**JACOBS** **TOBIN**

Drawing Status: **ISSUED**

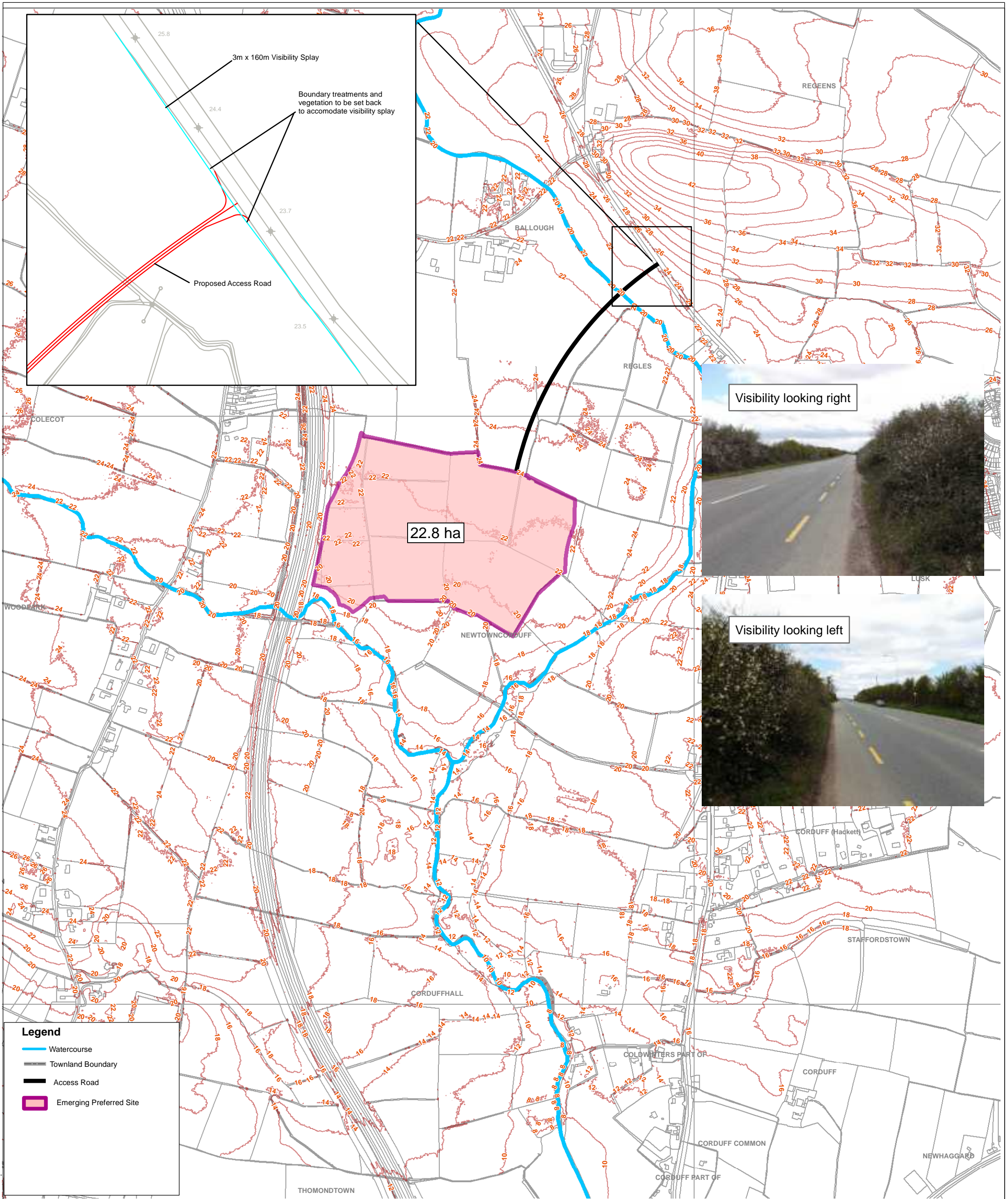
Scale @ A3: 1:9,000

Job No.: 32102900

Drawing No.: **FIGURE 13B**

DO NOT SCALE





**Legend**

- Watercourse
- Townland Boundary
- Access Road
- Emerging Preferred Site

Drawing Title  
**ALTERNATIVE SITES ASSESSMENT AND ROUTE SELECTION REPORT (Phase 4)**  
**TRAFFIC AND ACCESS - NEWTOWNCORDUFF**

A	17/05/13	ISSUED	GF	AWD	DC	CKK	
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd	
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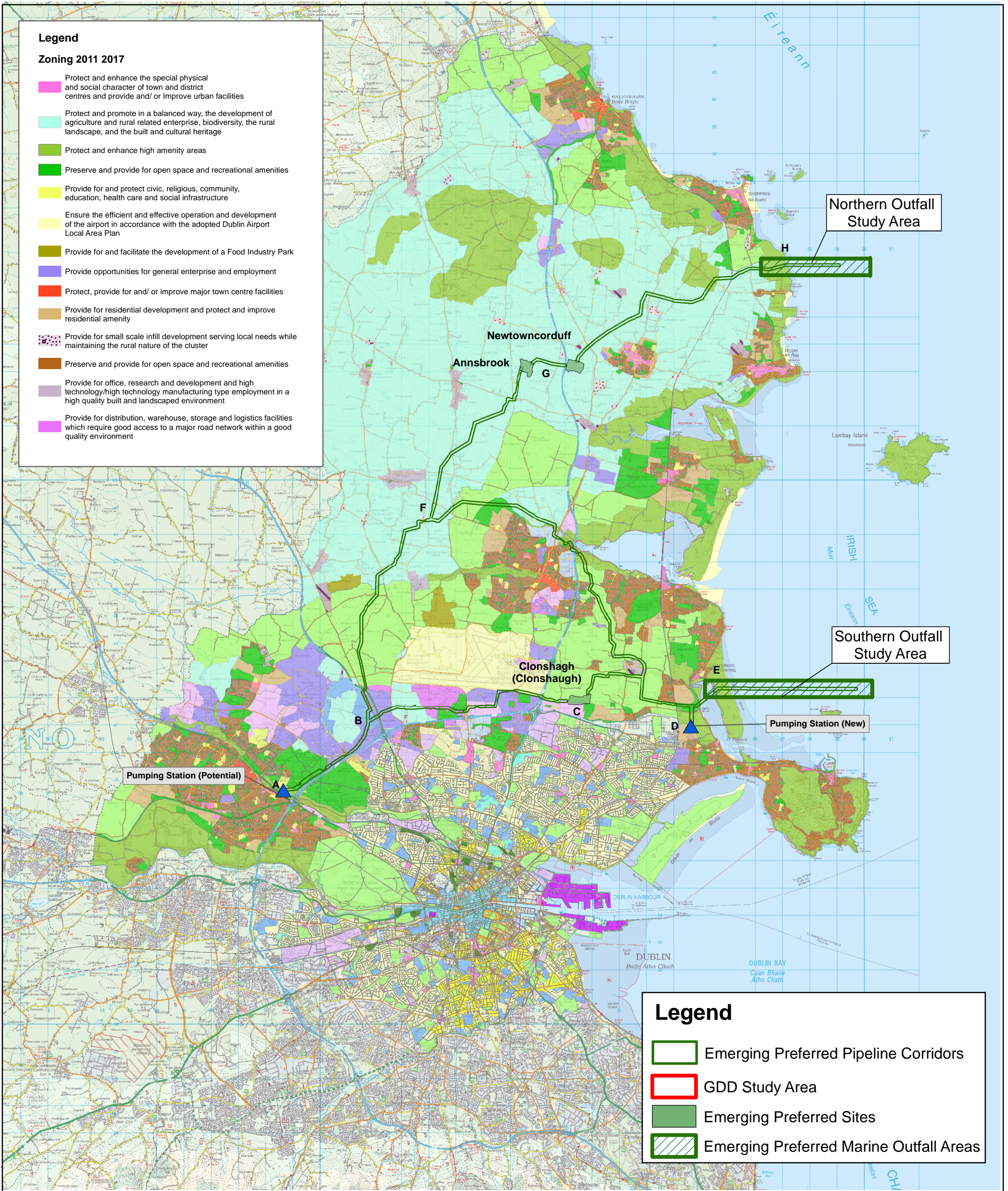
Drawing Status	<b>ISSUED</b>	
Scale @ A3	1:9,000	DO NOT SCALE
Job No.	32102900	
Drawing No.		FIGURE 13C



**Legend**

**Zoning 2011 2017**

- Protect and enhance the special physical and social character of town and district centres and provide and/ or Improve urban facilities
- Protect and promote in a balanced way, the development of agriculture and rural related enterprise, biodiversity, the rural landscape, and the built and cultural heritage
- Protect and enhance high amenity areas
- Preserve and provide for open space and recreational amenities
- Provide for and protect civic, religious, community, education, health care and social infrastructure
- Ensure the efficient and effective operation and development of the airport in accordance with the adopted Dublin Airport Local Area Plan
- Provide for and facilitate the development of a Food Industry Park
- Provide opportunities for general enterprise and employment
- Protect, provide for and/ or improve major town centre facilities
- Provide for residential development and protect and improve residential amenity
- Provide for small scale infill development serving local needs while maintaining the rural nature of the cluster
- Preserve and provide for open space and recreational amenities
- Provide for office, research and development and high technology/high technology manufacturing type employment in a high quality built and landscaped environment
- Provide for distribution, warehouse, storage and logistics facilities which require good access to a major road network within a good quality environment



Northern Outfall Study Area

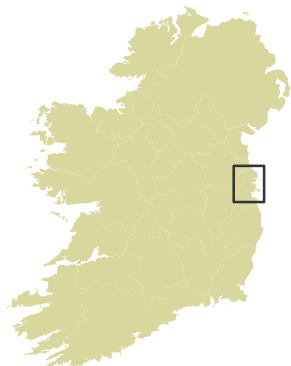
Southern Outfall Study Area

Pumping Station (Potential)

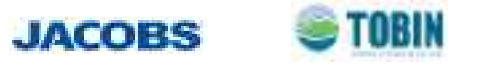
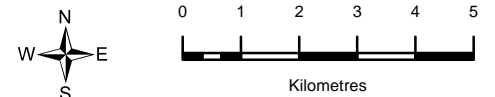
Pumping Station (New)

**Legend**

- Emerging Preferred Pipeline Corridors
- GDD Study Area
- Emerging Preferred Sites
- Emerging Preferred Marine Outfall Areas



Rev.	Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
A	17.05.13	ISSUED	MN	AWD	DC	COK

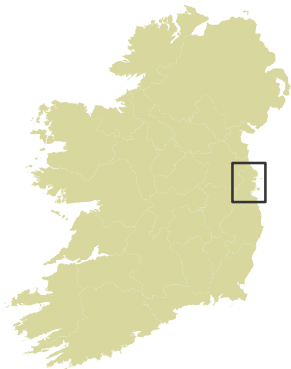
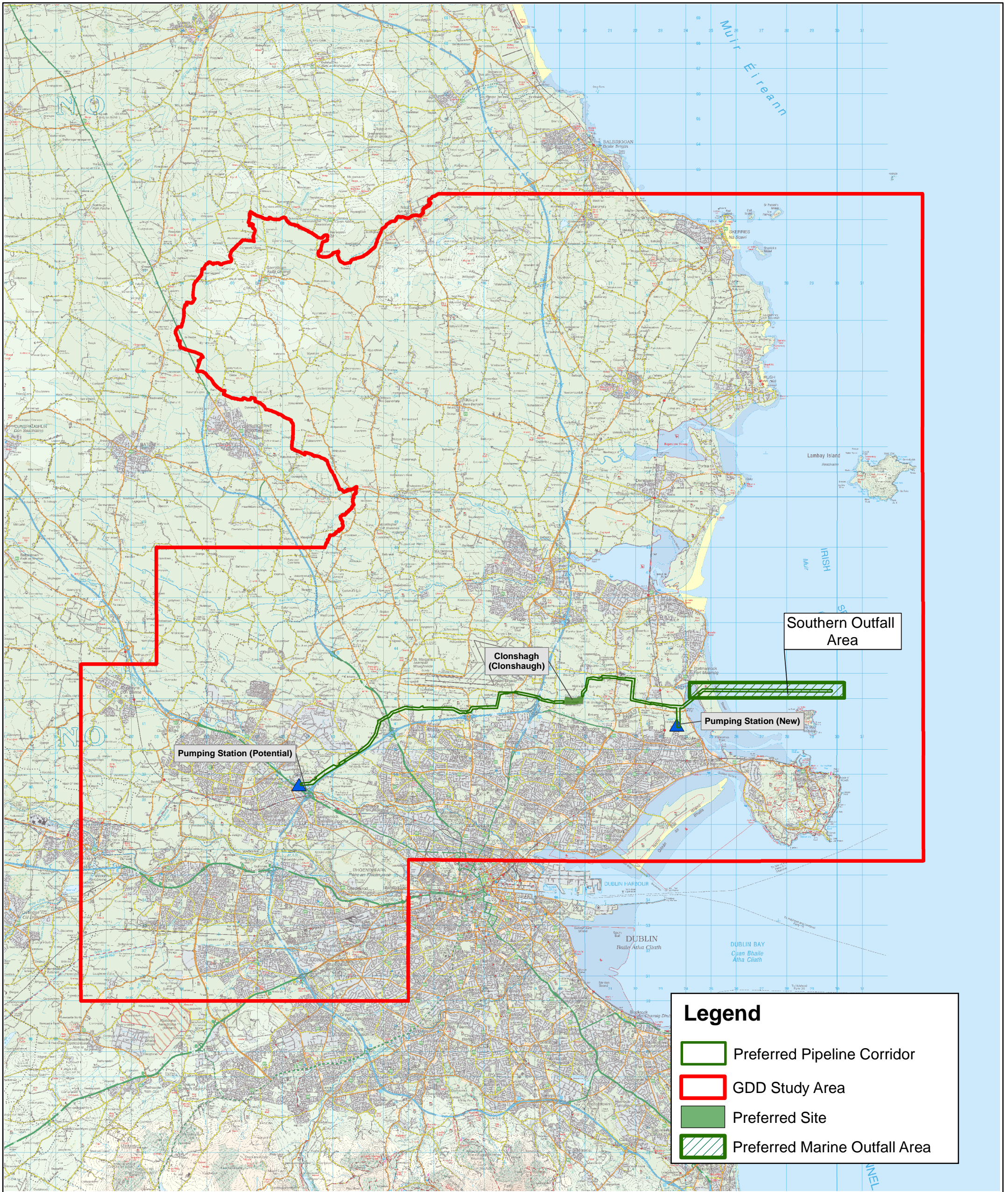


ALTERNATIVE SITES ASSESSMENT AND ROUTE SELECTION REPORT (Phase 4)  
**CORRIDORS & LAND ZONING**

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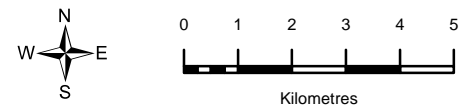
Drawing Status	<b>ISSUED</b>	
Scale @ A3	1:130,000	DO NOT SCALE
Job No.	32102900	
Drawing No.	Drawing No. 14	





Drawing Title  
**ALTERNATIVE SITES ASSESSMENT  
 AND ROUTE SELECTION REPORT (Phase 4)  
 FINAL PREFERRED SITE OPTION**

A	17.05.13	ISSUED	MN	AWD	DC	COK
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



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<b>JACOBS</b>		<b>TOBIN</b>	
Drawing Status	<b>ISSUED</b>		
Scale @ A3	1:140,000	DO NOT SCALE	
Job No.	32102900		
Drawing No.	Drawing No. 15		