

# **A2 Bean and Ebbsfleet Junction Improvements**

## **Environmental Assessment Report (EAR)**

### **Volume 2**

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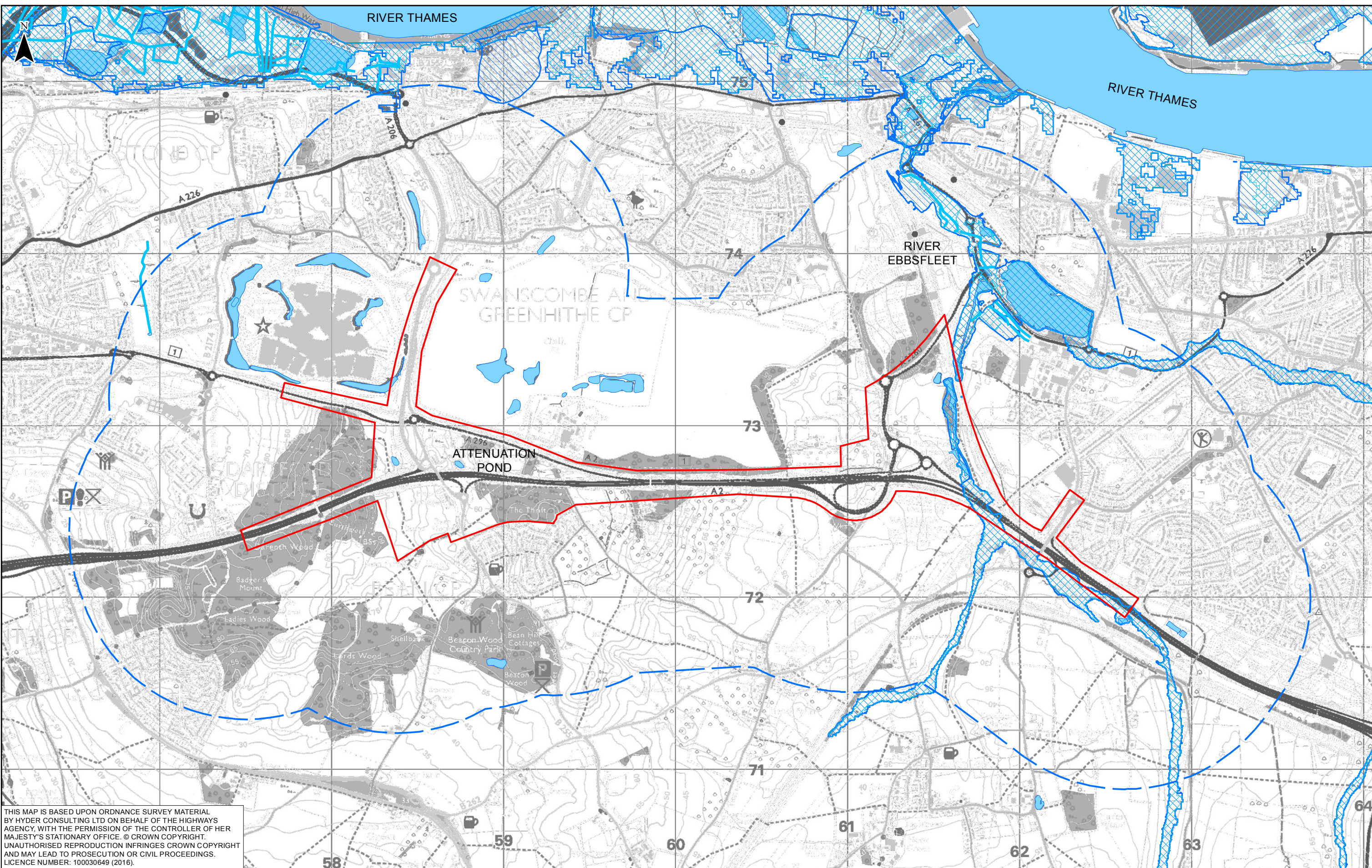
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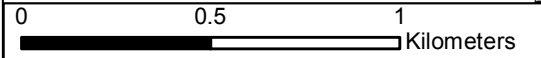
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Path: I:\GIS\A2 Bean to Ebbfleet PCF2 Options\A2-Calculations\A2 Bean to Ebbfleet\_Environmental Appraisal Report - GIS Figures\Road Drainage and the Water Environment\008-UA006811-02\_Fig 10.8\_Surface water features.mxd



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KEY	
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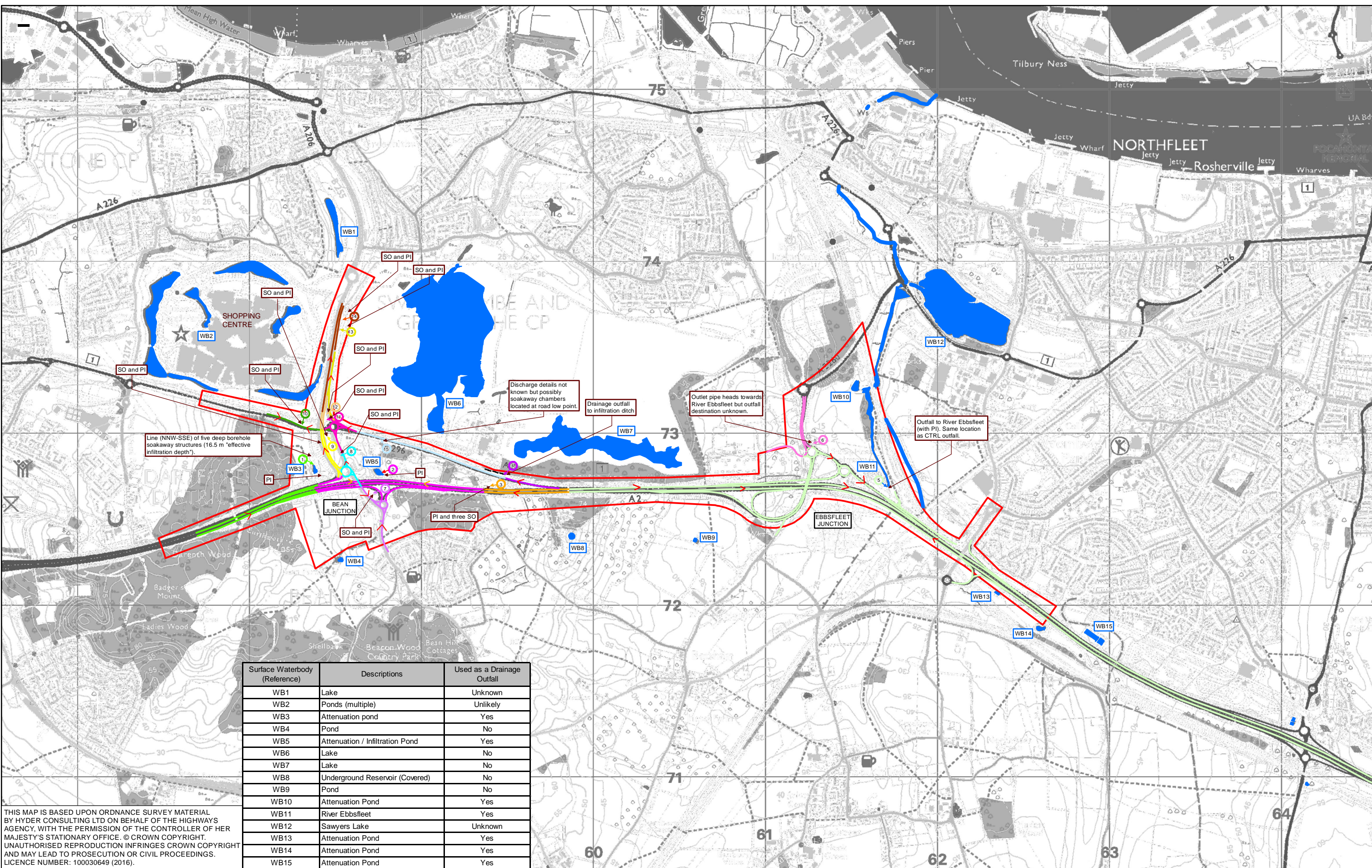
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Drawing title: **FIGURE 10.8 SURFACE WATER FEATURES**

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Checked By	GS		
Approved By	NM		
Project No.	HA543917	Originator	HHJV
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Drawing number	HA543917-HHJV-EGN-ZZZZ-GIS-EN-0033		

Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Apprv'd
P02	02/09/2016	FINAL	SD	GS	NM
P01	25/08/2016	FINAL DRAFT FOR APPROVAL	SD	GS	NM

Path: \\GIS\A2\_Bean to Ebbsfleet\_Options\A2-Calculations\A2\_Bean to Ebbsfleet\_Environmental Appraisal Report - GIS Figures\Road Drainage and the Water Environment\009-UA006811-02\_Fig 10.9\_Existing Drainage.mxd



Line (NNW-SSE) of five deep borehole soakaway structures (16.5 m effective infiltration depth).

Discharge details not known but possibly soakaway chambers located at road low point.

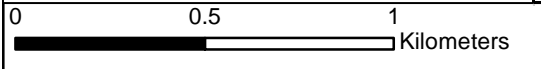
Drainage outfall to infiltration ditch

Outlet pipe heads towards River Ebbsfleet but outfall destination unknown.

Outfall to River Ebbsfleet (with PI). Same location as CTRL outfall.

Surface Waterbody (Reference)	Descriptions	Used as a Drainage Outfall
WB1	Lake	Unknown
WB2	Ponds (multiple)	Unlikely
WB3	Attenuation pond	Yes
WB4	Pond	No
WB5	Attenuation / Infiltration Pond	Yes
WB6	Lake	No
WB7	Lake	No
WB8	Underground Reservoir (Covered)	No
WB9	Pond	No
WB10	Attenuation Pond	Yes
WB11	River Ebbsfleet	Yes
WB12	Sawyers Lake	Unknown
WB13	Attenuation Pond	Yes
WB14	Attenuation Pond	Yes
WB15	Attenuation Pond	Yes

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**KEY**

- SCHEME LIMIT
- CATCHMENT 1-15 (color-coded)
- WATERBODY LOCATION
- WATERBODY REFERENCE
- FLOW DIRECTION
- INFILTRATION DITCH

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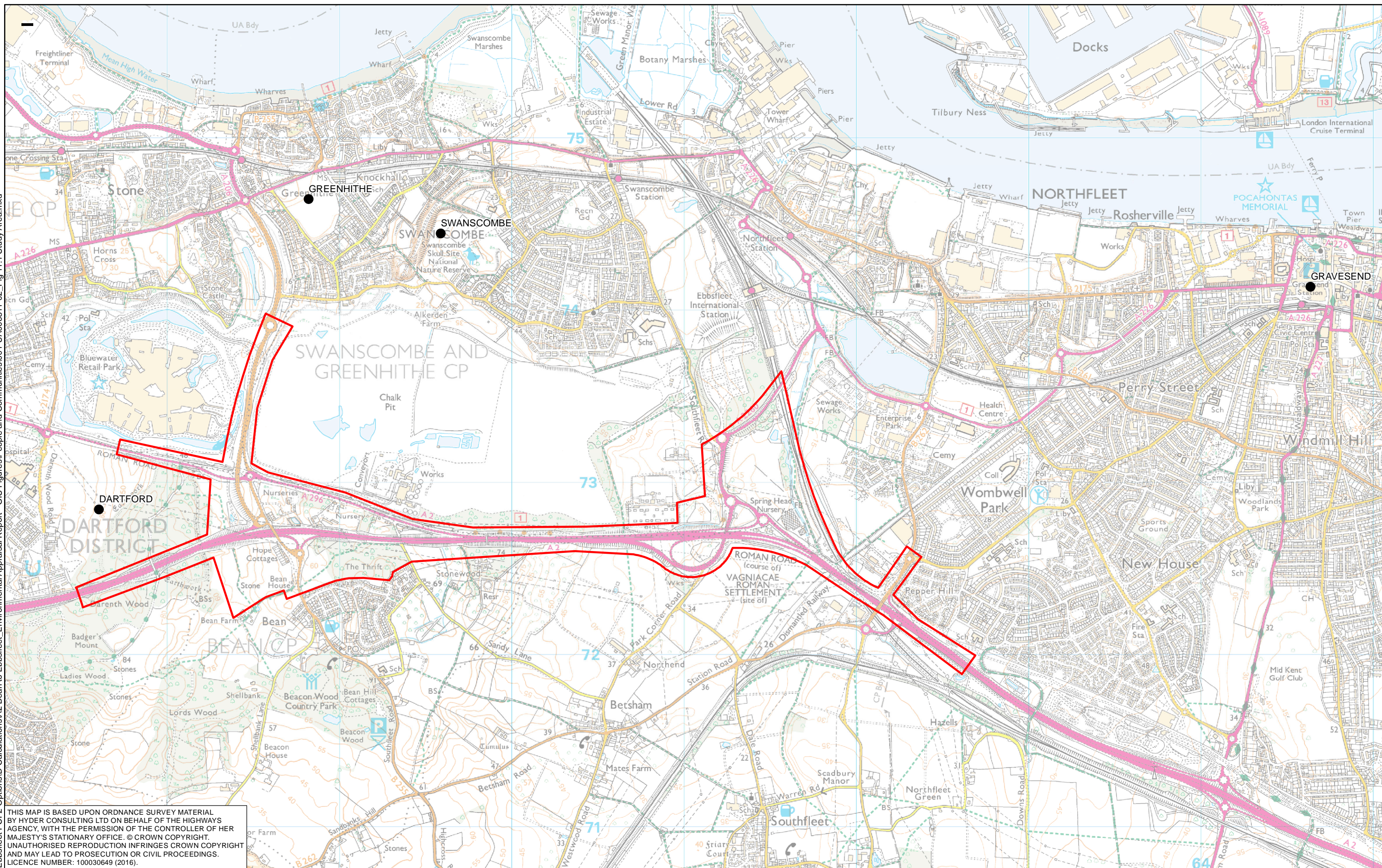
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Drawing title: **FIGURE 10.9 EXISTING DRAINAGE**

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Checked By: GS		
Approved By: NM		
Project No: HA543917	Originator: HHJV	Original Size: A3
Drawing number: HA543917-HHJV-EGN-ZZZZ-GIS-EN-0036		

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**KEY**  
 SCHEME LIMIT  
 STUDY AREA

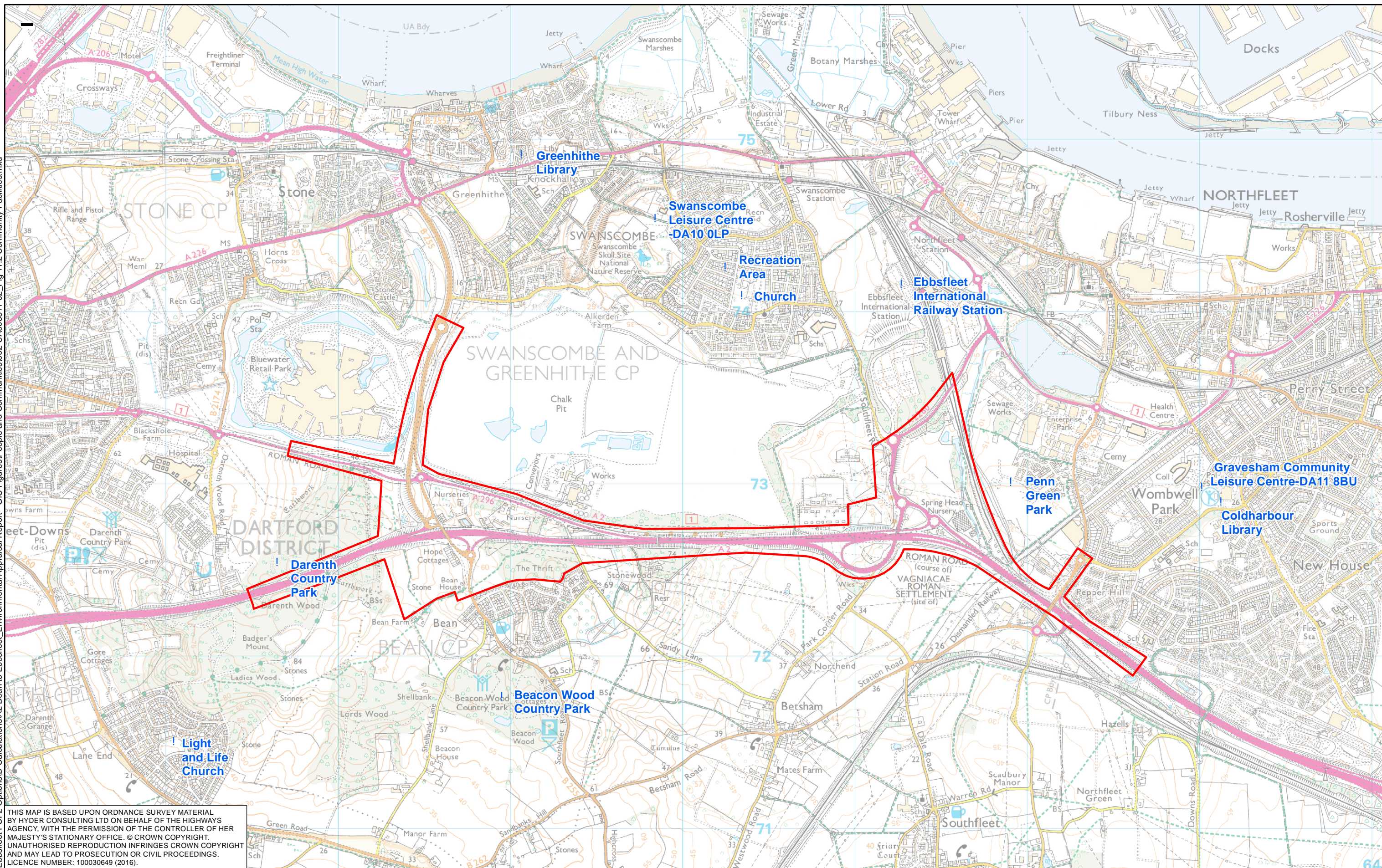
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 Drawing title: **FIGURE 11.1 STUDY AREA**

Status	FINAL	Revision	P02
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Drawn By	SD	Checked By	GS
Approved By	NM	Project No.	HA543917
Originator	HHJV	Original Size	A3
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 ! COMMUNITY FACILITIES

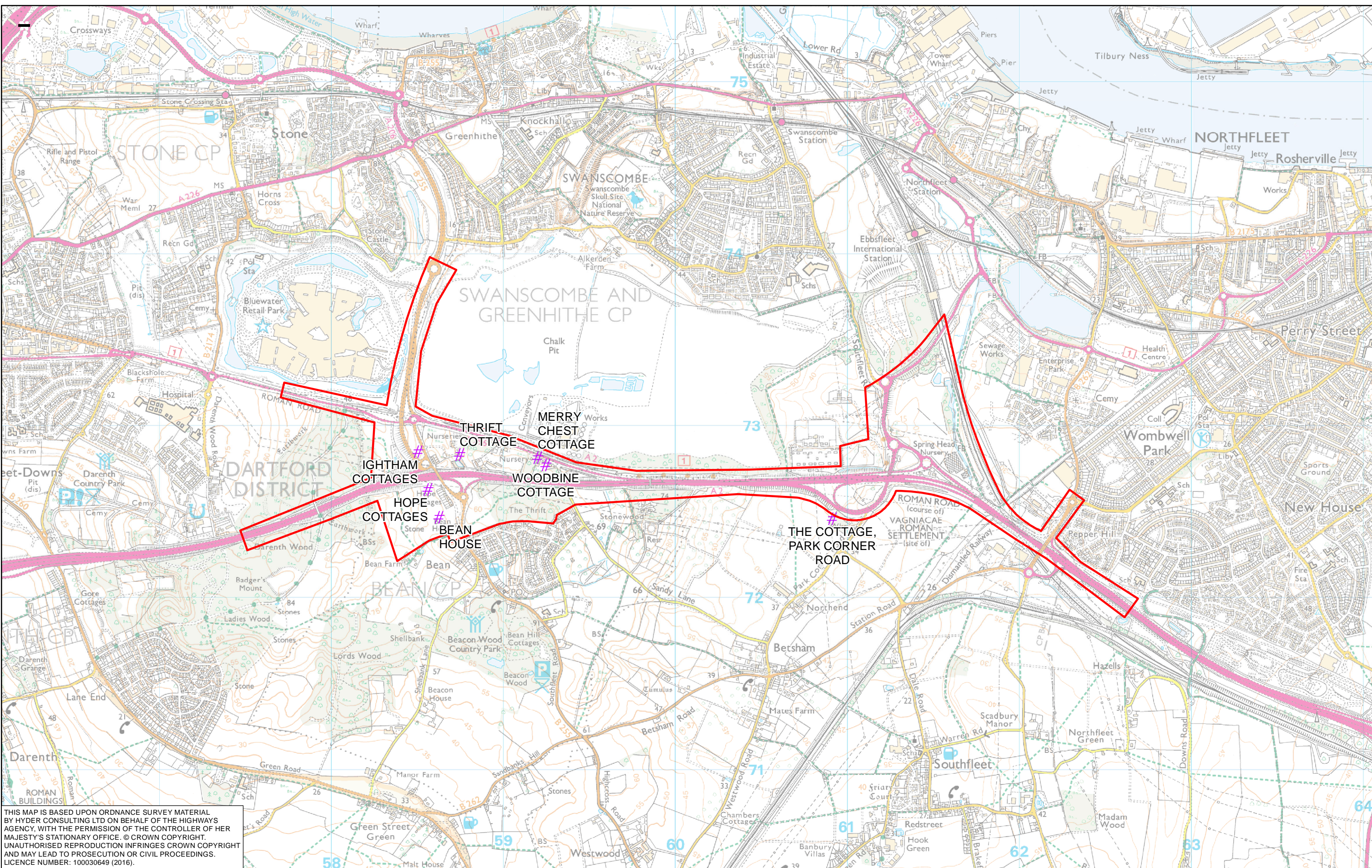
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Drawing title: **FIGURE 11.2 COMMUNITY FACILITIES**

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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Apprv'd

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	# RESIDENTIAL PROPERTIES

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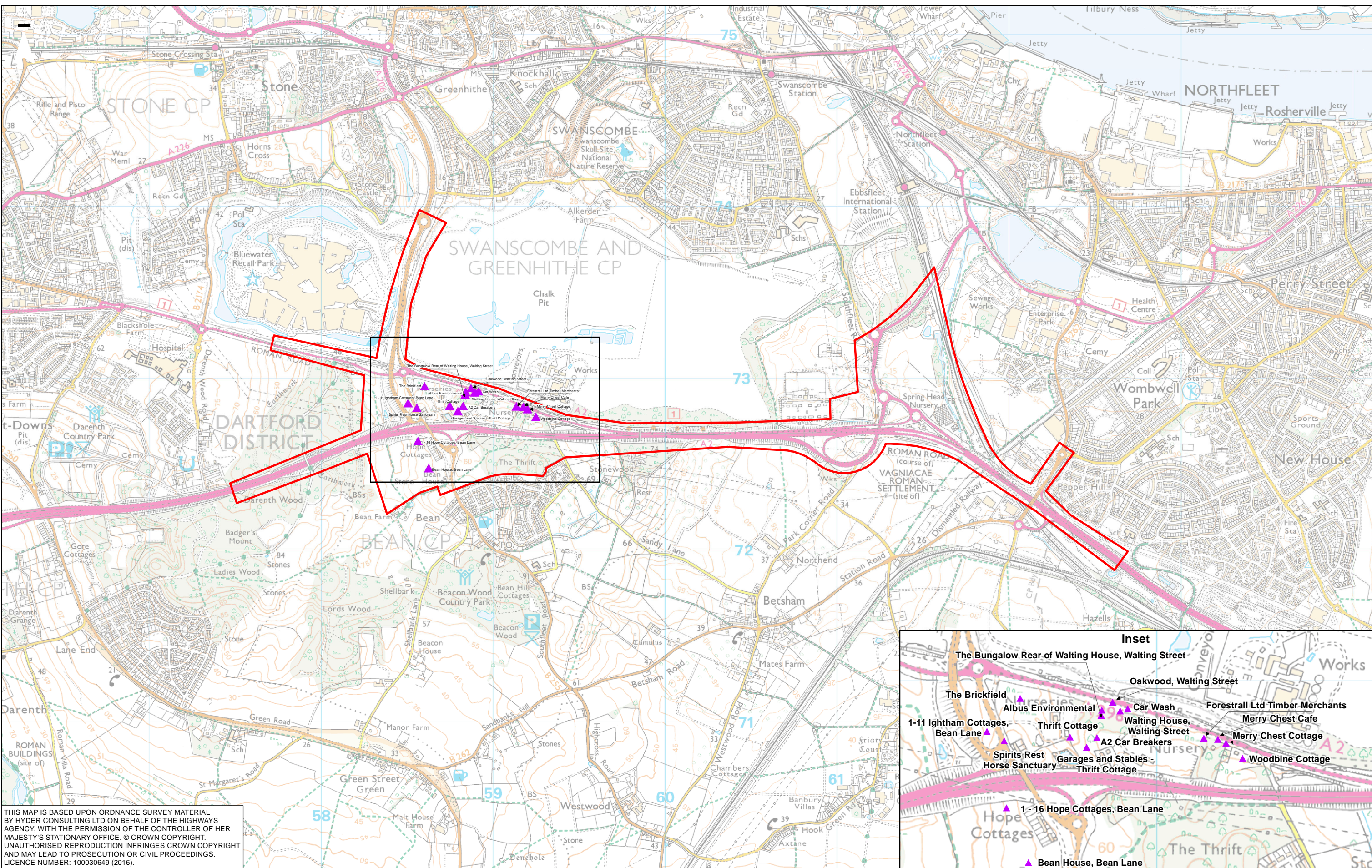
Project: A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS

Drawing title: **FIGURE 11.3 RESIDENTIAL PROPERTIES**

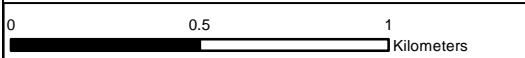
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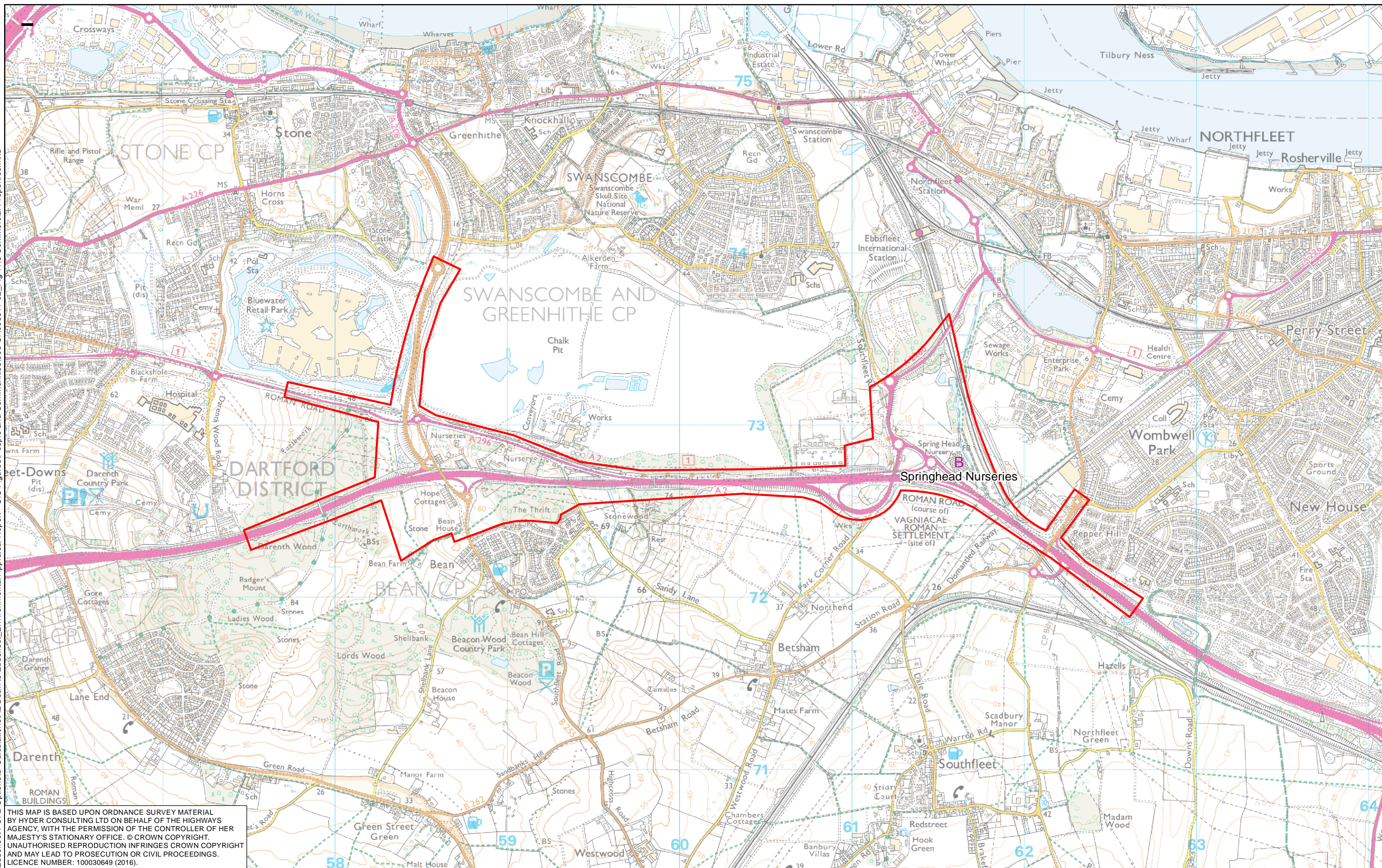
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Drawing title: FIGURE 11.4 BEAN JUNCTION COMMERCIAL PROPERTIES

Status	FINAL	Revision	P02
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Checked By	GS		
Approved By	NM		
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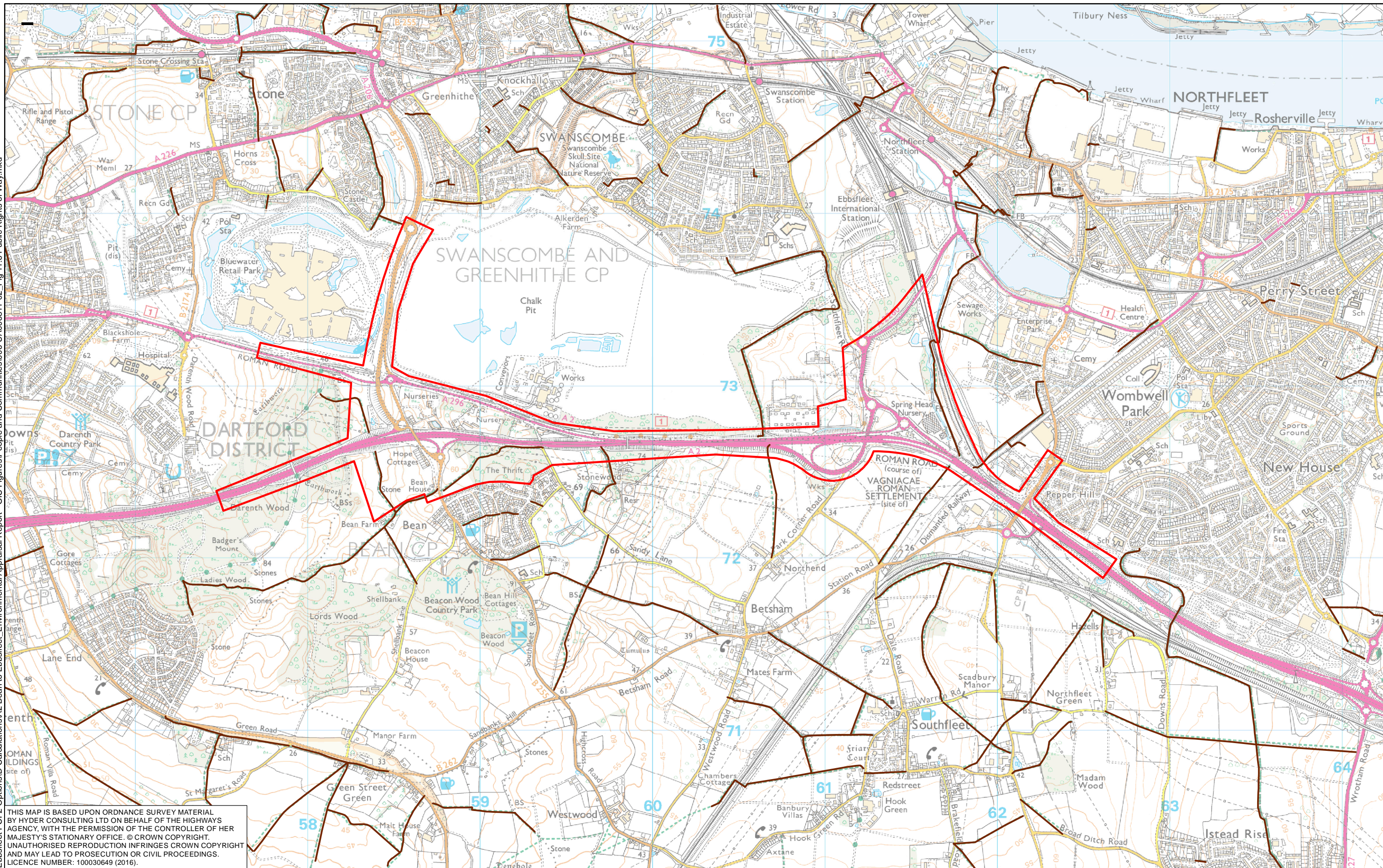
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Drawing title: **FIGURE 11.5 EBBSFLEET JUNCTION COMMERCIAL PROPERTIES**

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Approved By	NM	
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Drawn	Checked	Apprv'd

	SCHEME LIMIT
	PUBLIC RIGHTS OF WAY

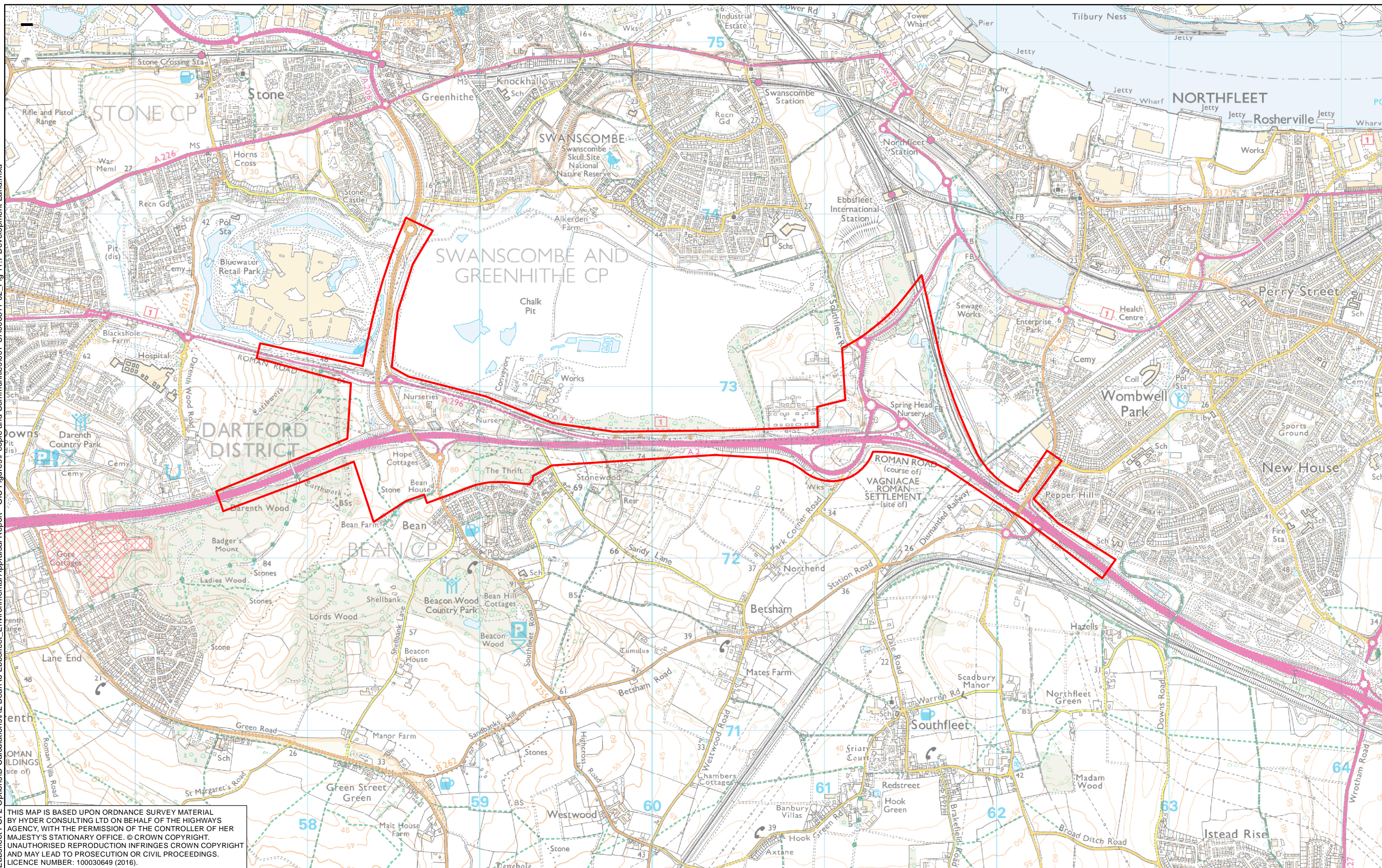
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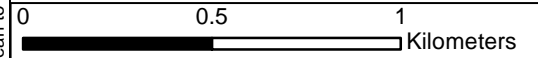
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Drawing title	FIGURE 11.6 PUBLIC RIGHTS OF WAY

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 DEVELOPMENT LAND

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P01	25/08/2016	FINAL DRAFT FOR APPROVAL	SD	GS	NM

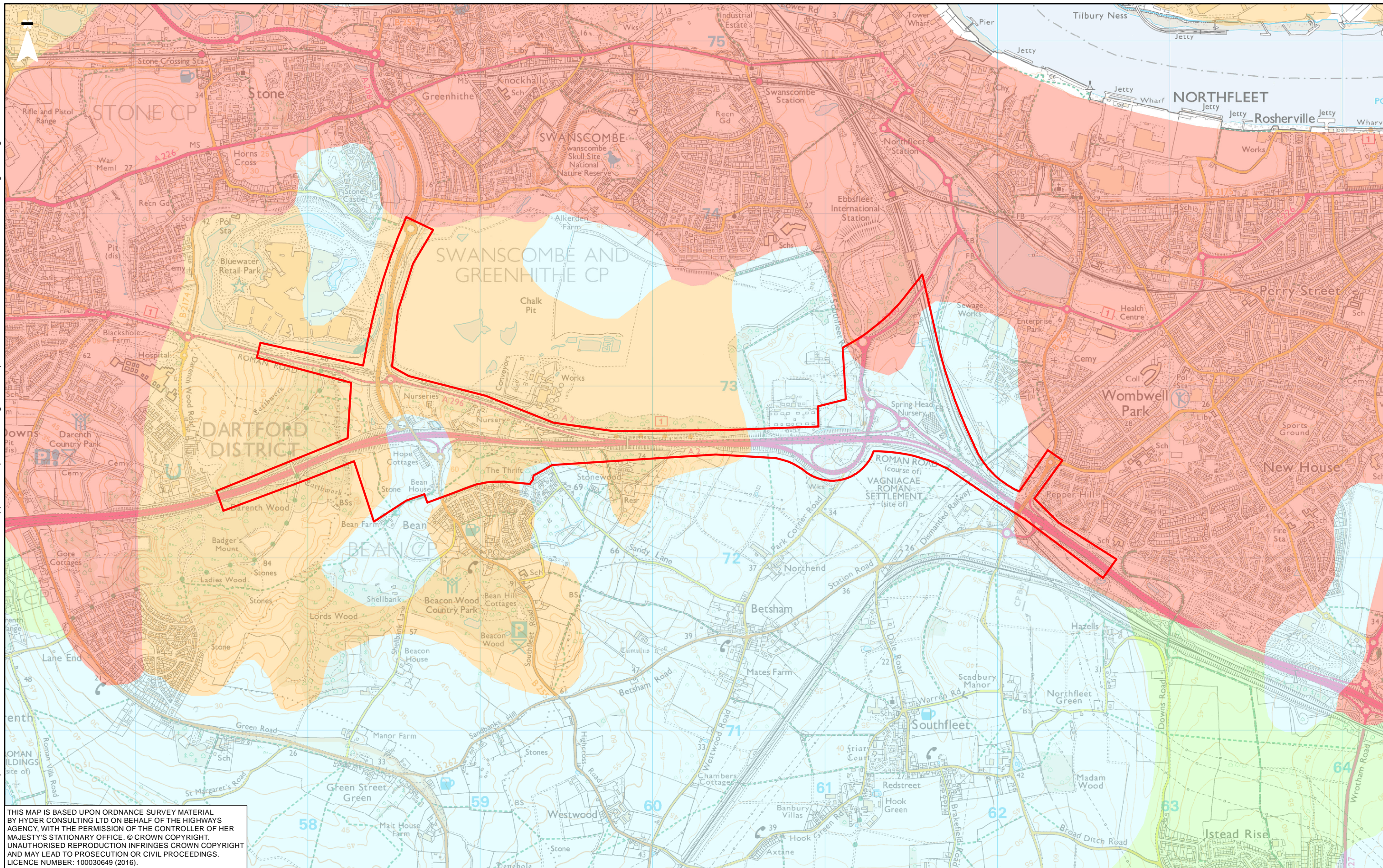
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Drawing title: **FIGURE 11.7 DEVELOPMENT LAND**

Status	FINAL	Revision	P02
Scale	1:20,000	Date	02/09/2016
Drawn By	SD	Checked By	GS
Approved By	NM	Project No.	HA543917
Originator	HHJV	Original Size	A3
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<b>AGRICULTURAL LAND</b>	<b>GRADE 5</b>	<b>NON AGRICULTURAL</b>
<b>GRADE 1</b>	<b>URBAN</b>	
<b>GRADE 2</b>		
<b>GRADE 3</b>		

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Drawing title	FIGURE 11.8 AGRICULTURAL LAND

Status	FINAL	Revision	P02
Scale	1:20,000	Date	02/09/2016
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Checked By	GS		
Approved By	NM		
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