

- Legend**
- Newbuild Infrastructure Boundary
 - Fluvial flood map
 - Babel BVS (Indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

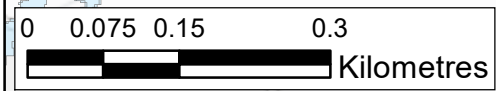
DRAWING TITLE
Figure 18.5.9 Babel Fluvial flood map

DRAWING STATUS
FOR INFORMATION

DRAWN	CHECKED	APPROVED	AUTHORISED
NM	RH	VM	EI

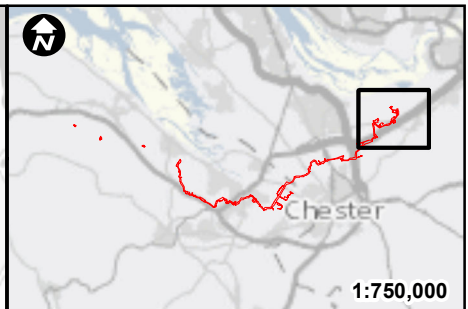
SCALE @ A3 SIZE	DATE	REVISION
1:7,500	27/07/2022	P01

DRAWING NUMBER
EN070007-APP-ES-18.5.9-Sheet 1



Annex E

SURFACE WATER MAPS



Legend

- Newbuild Infrastructure Boundary
- Ince AGI to Stanlow AGI Pipeline
- Stanlow AGI to Flint AGI Pipeline
- NRW Surface water flooding and ordinary watercourse
- Flint AGI (indicative)
- Ince AGI (indicative)
- Northop Hall AGI (indicative location)
- Stanlow AGI (indicative location)
- Aston Hill BVS (indicative location)
- Babell BVS (indicative location)
- Cornist Lane BVS (indicative location)
- Mollington BVS (indicative location)
- Pentre Halkyn BVS (indicative location)
- Rock Bank BVS (indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE HyNet Carbon Dioxide Pipeline

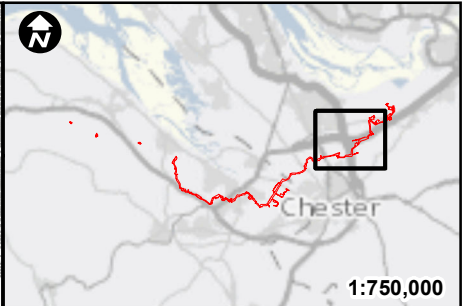
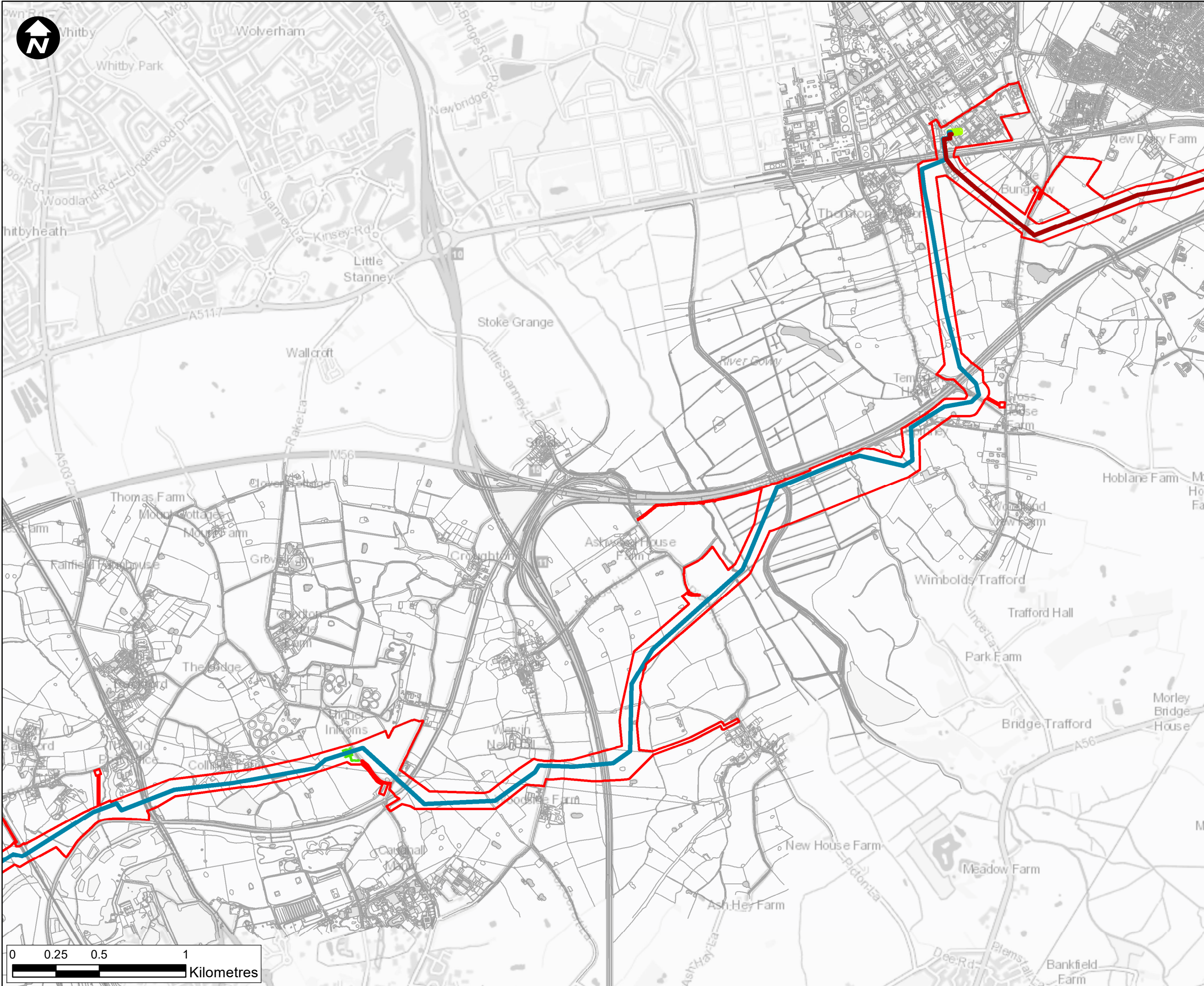
DRAWING TITLE
Figure 18.5.10
DCO 36 inch pipeline surface water flood map

DRAWING STATUS
FOR INFORMATION

DRAWN	CHECKED	APPROVED	AUTHORISED
RS	RH	VM	EI

SCALE @ A3 SIZE	DATE	REVISION
1:20,000	27/07/2022	P01

DRAWING NUMBER
EN070007-APP-ES-18.5.10-Sheet 1



Legend

- Newbuild Infrastructure Boundary
- Ince AGI to Stanlow AGI Pipeline
- Stanlow AGI to Flint AGI Pipeline
- NRW Surface water flooding and ordinary watercourse
- Flint AGI (indicative)
- Ince AGI (indicative)
- Northop Hall AGI (indicative location)
- Stanlow AGI (indicative location)
- Aston Hill BVS (indicative location)
- Babell BVS (indicative location)
- Cornist Lane BVS (indicative location)
- Mollington BVS (indicative location)
- Pentre Halkyn BVS (indicative location)
- Rock Bank BVS (indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE HyNet Carbon Dioxide Pipeline

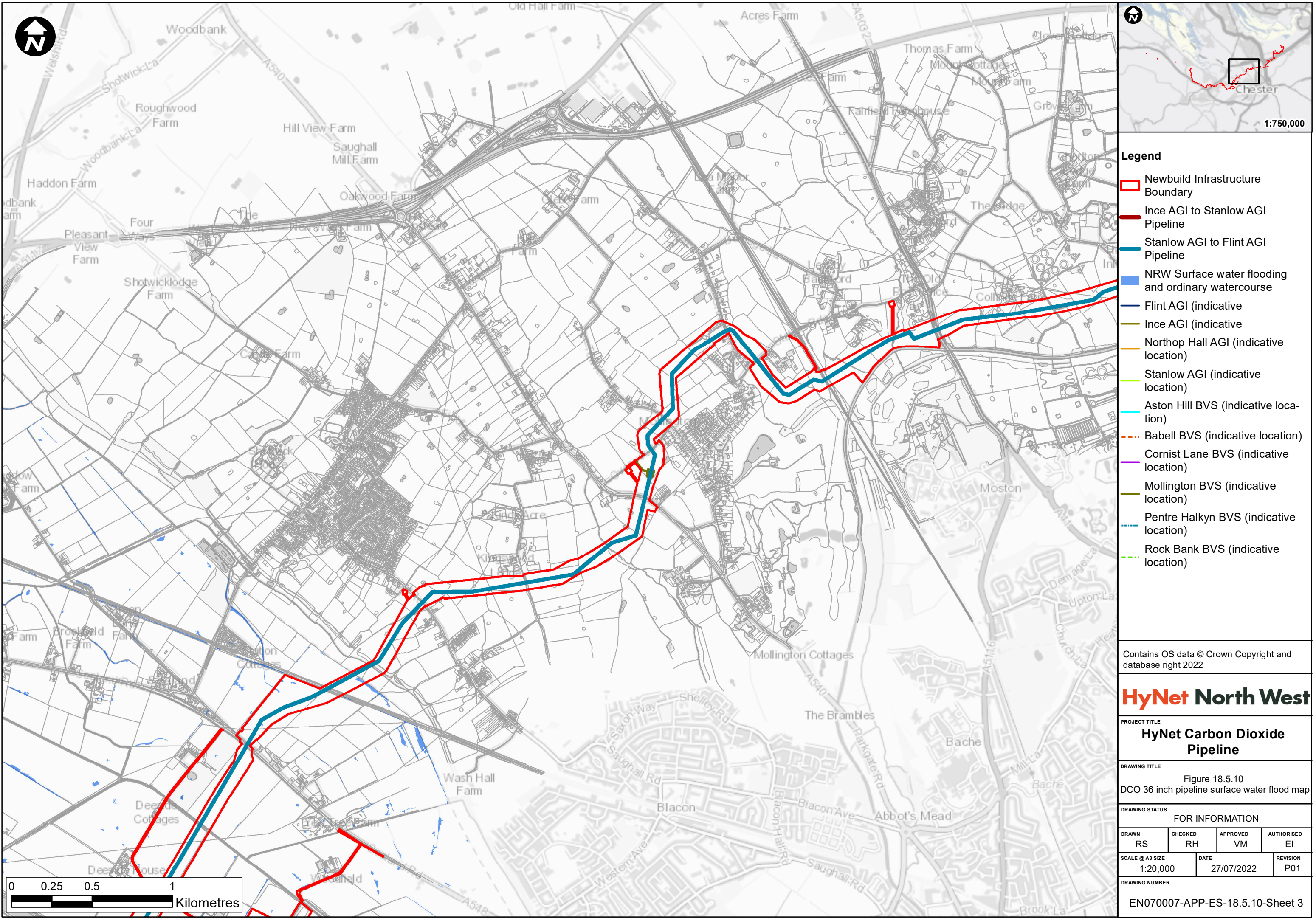
DRAWING TITLE
Figure 18.5.12
DCO 36 inch pipeline surface water flood map

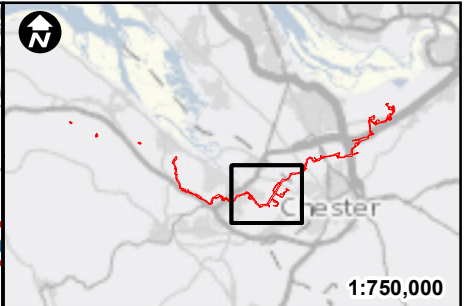
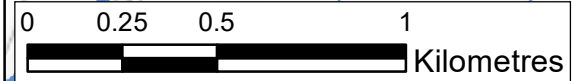
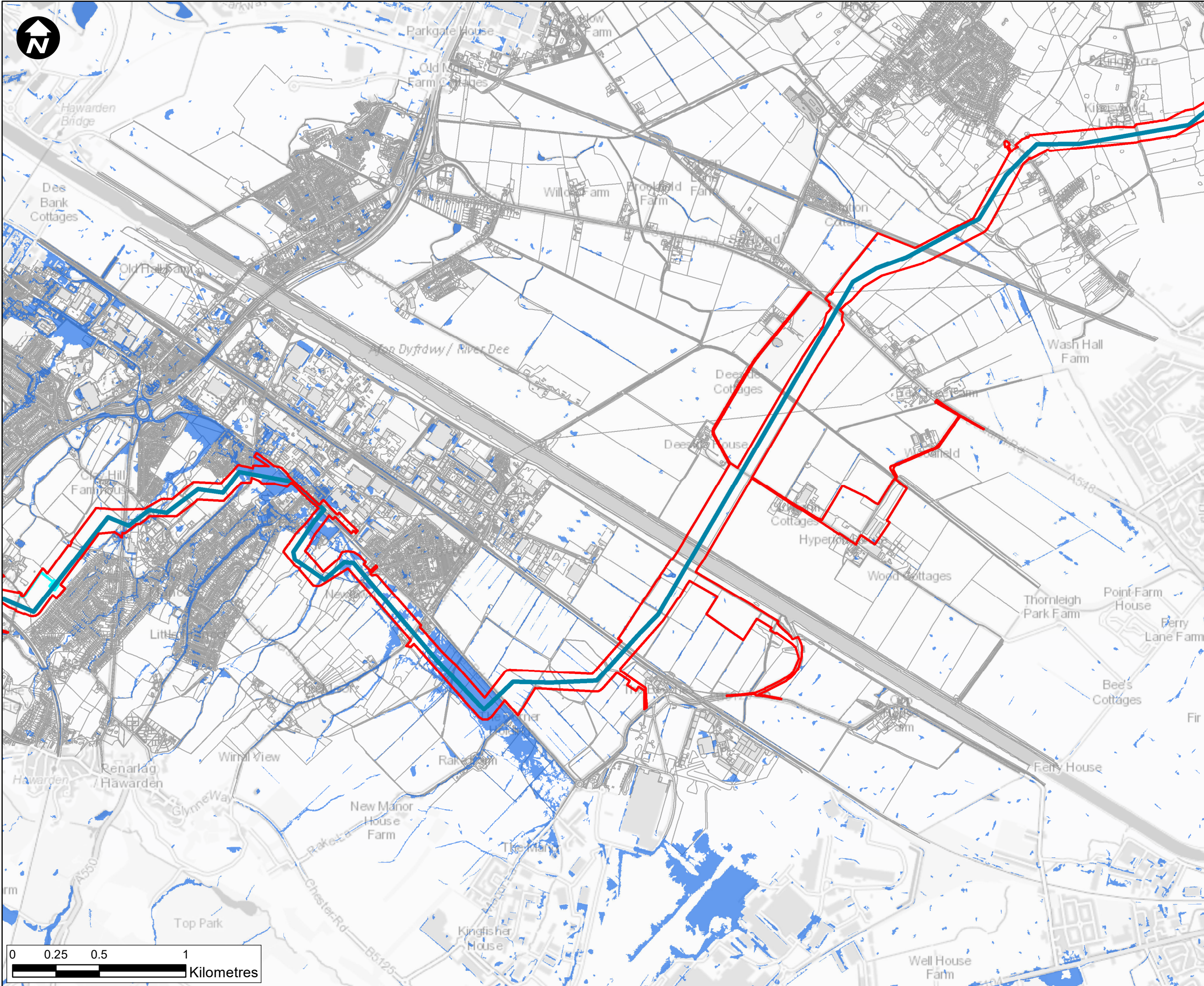
DRAWING STATUS
FOR INFORMATION

DRAWN	CHECKED	APPROVED	AUTHORISED
RS	RH	VM	EI

SCALE @ A3 SIZE	DATE	REVISION
1:20,000	27/07/2022	P01

DRAWING NUMBER
EN070007-APP-ES-18.5.12-Sheet 2





Legend

- Newbuild Infrastructure Boundary
- Ince AGI to Stanlow AGI Pipeline
- Stanlow AGI to Flint AGI Pipeline
- NRW Surface water flooding and ordinary watercourse
- Flint AGI (indicative)
- Ince AGI (indicative)
- Northop Hall AGI (indicative location)
- Stanlow AGI (indicative location)
- Aston Hill BVS (indicative location)
- Babell BVS (indicative location)
- Cornist Lane BVS (indicative location)
- Mollington BVS (indicative location)
- Pentre Halkyn BVS (indicative location)
- Rock Bank BVS (indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

HyNet Carbon Dioxide Pipeline

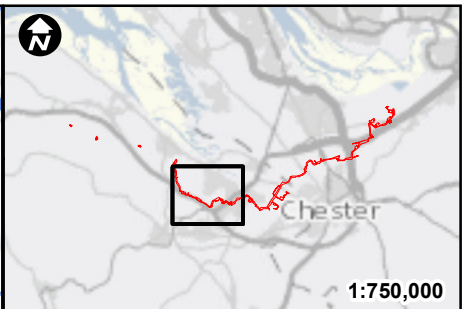
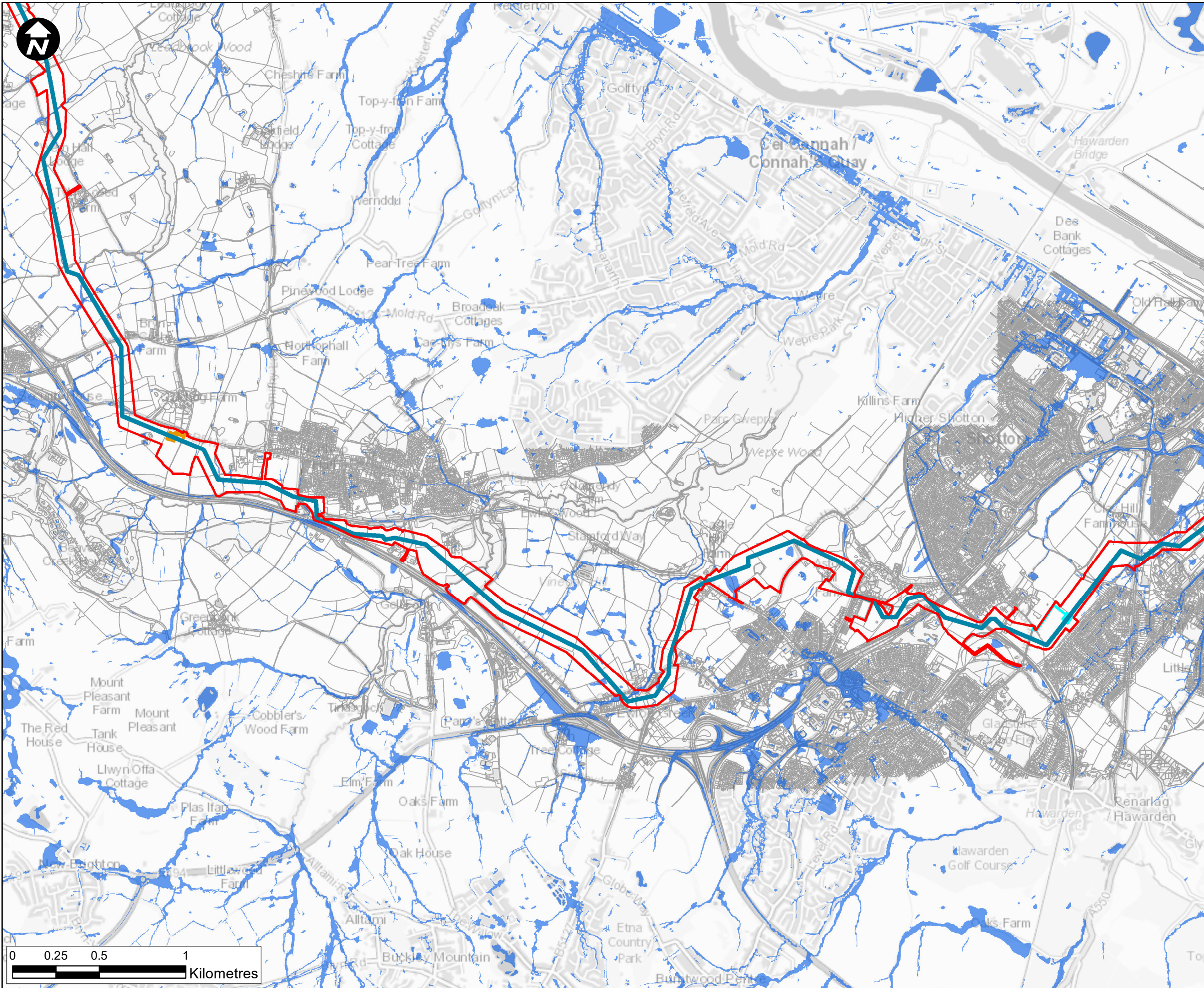
Figure 18.5.10
DCO 36 inch pipeline surface water flood map

FOR INFORMATION

DRAWN RS	CHECKED RH	APPROVED VM	AUTHORISED EI
-------------	---------------	----------------	------------------

SCALE @ A3 SIZE 1:20,000	DATE 27/07/2022	REVISION P01
-----------------------------	--------------------	-----------------

DRAWING NUMBER
EN070007-APP-ES-18.5.10-Sheet 4



- Legend**
- Newbuild Infrastructure Boundary
 - Ince AGI to Stanlow AGI Pipeline
 - Stanlow AGI to Flint AGI Pipeline
 - NRW Surface water flooding and ordinary watercourse
 - Flint AGI (indicative)
 - Ince AGI (indicative)
 - Northop Hall AGI (indicative location)
 - Stanlow AGI (indicative location)
 - Aston Hill BVS (indicative location)
 - Babell BVS (indicative location)
 - Cornist Lane BVS (indicative location)
 - Mollington BVS (indicative location)
 - Pentre Halkyn BVS (indicative location)
 - Rock Bank BVS (indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE HyNet Carbon Dioxide Pipeline

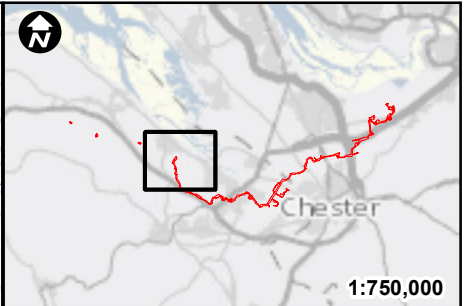
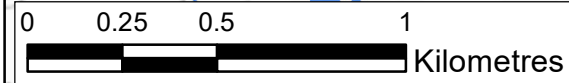
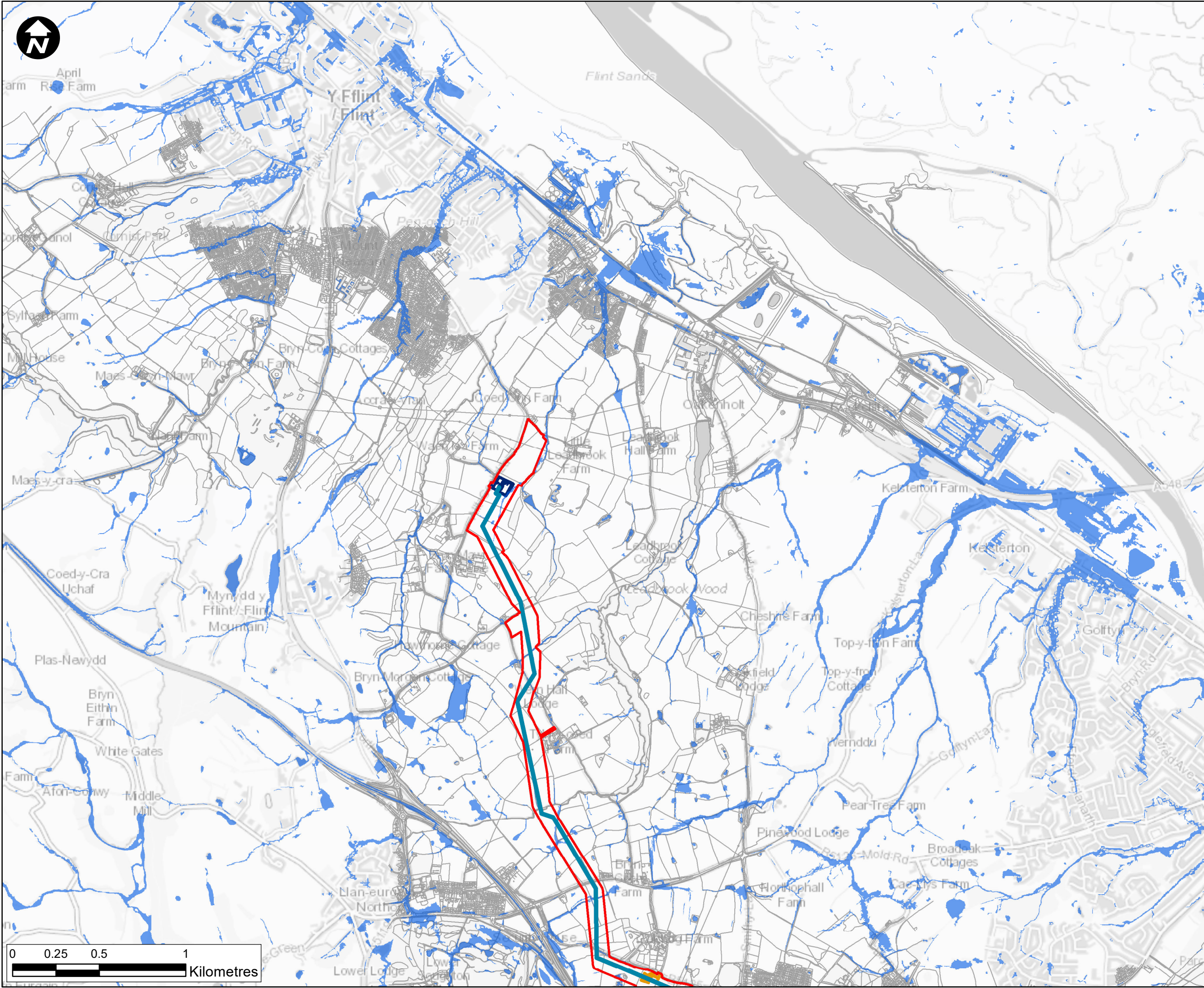
DRAWING TITLE
Figure 18.5.10
DCO 36 inch pipeline surface water flood map

DRAWING STATUS
FOR INFORMATION

DRAWN	CHECKED	APPROVED	AUTHORISED
RS	RH	VM	EI

SCALE @ A3 SIZE	DATE	REVISION
1:20,000	27/07/2022	P01

DRAWING NUMBER
EN070007-APP-ES-18.5.10-Sheet 5



- Legend**
- Newbuild Infrastructure Boundary
 - Ince AGI to Stanlow AGI Pipeline
 - Stanlow AGI to Flint AGI Pipeline
 - NRW Surface water flooding and ordinary watercourse
 - Flint AGI (indicative)
 - Ince AGI (indicative)
 - Northop Hall AGI (indicative location)
 - Stanlow AGI (indicative location)
 - Aston Hill BVS (indicative location)
 - Babell BVS (indicative location)
 - Cornist Lane BVS (indicative location)
 - Mollington BVS (indicative location)
 - Pentre Halkyn BVS (indicative location)
 - Rock Bank BVS (indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

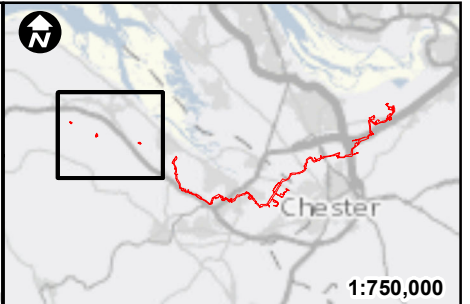
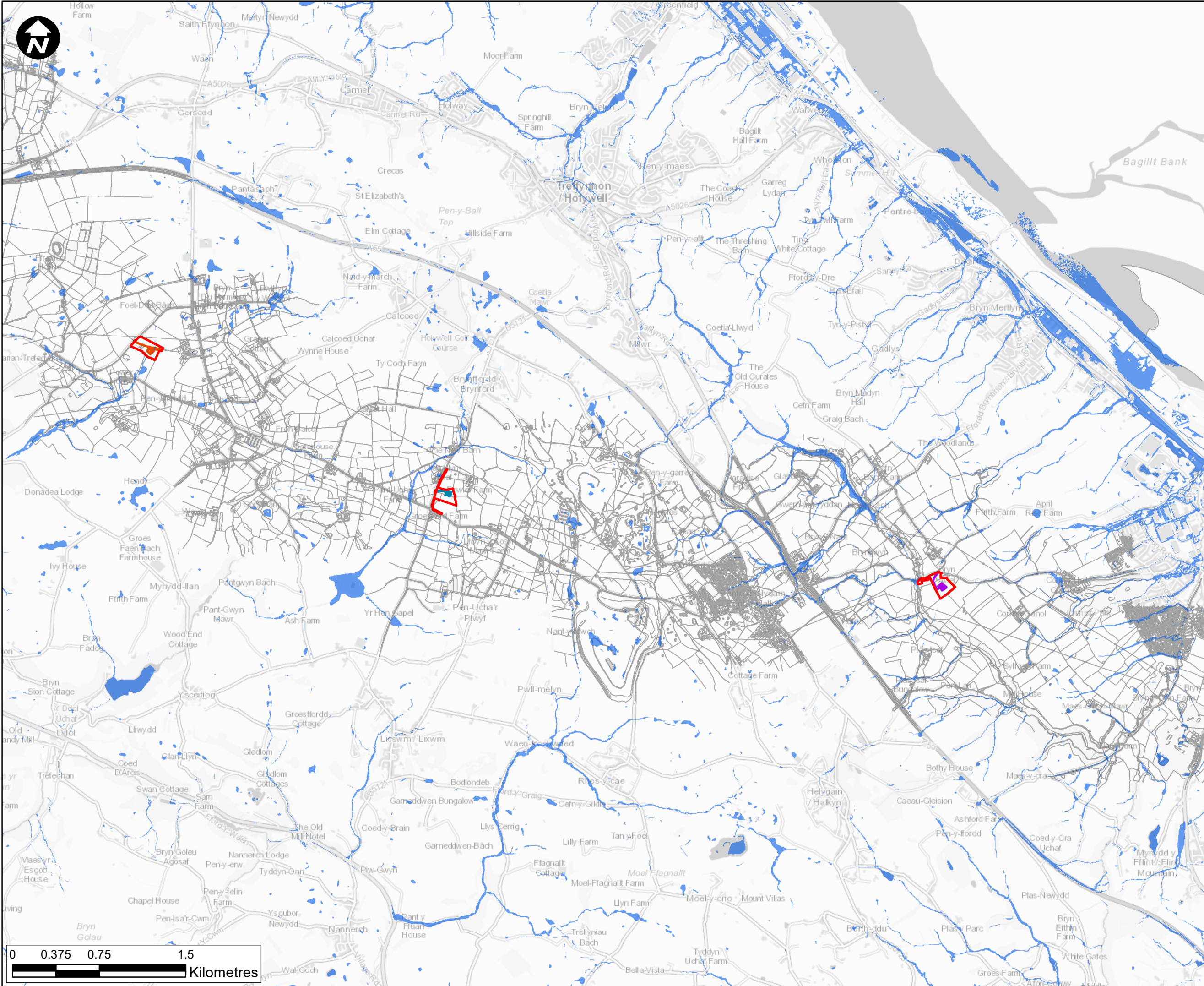
DRAWING TITLE
Figure 18.5.10
DCO 36 inch pipeline surface water flood map

DRAWING STATUS
FOR INFORMATION

DRAWN RS	CHECKED RH	APPROVED VM	AUTHORISED EI
-------------	---------------	----------------	------------------

SCALE @ A3 SIZE 1:20,000	DATE 27/07/2022	REVISION P01
-----------------------------	--------------------	-----------------

DRAWING NUMBER
EN070007-APP-ES-18.5.10-Sheet 6



Legend

- Newbuild Infrastructure Boundary
- Ince AGI to Stanlow AGI Pipeline
- Stanlow AGI to Flint AGI Pipeline
- NRW Surface water flooding and ordinary watercourse
- Flint AGI (indicative)
- Ince AGI (indicative)
- Northop Hall AGI (indicative location)
- Stanlow AGI (indicative location)
- Aston Hill BVS (indicative location)
- Babell BVS (indicative location)
- Cornist Lane BVS (indicative location)
- Mollington BVS (indicative location)
- Pentre Halkyn BVS (indicative location)
- Rock Bank BVS (indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

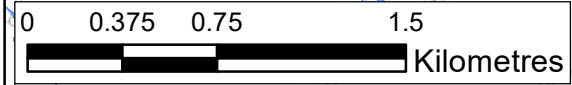
DRAWING TITLE
Figure 18.5.10
DCO 36 inch pipeline surface water flood map

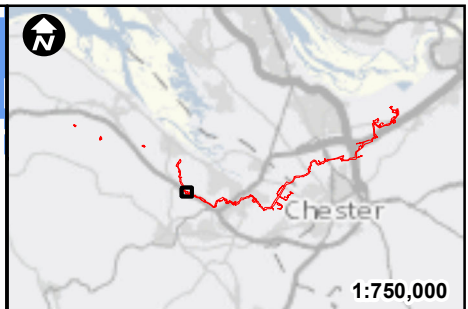
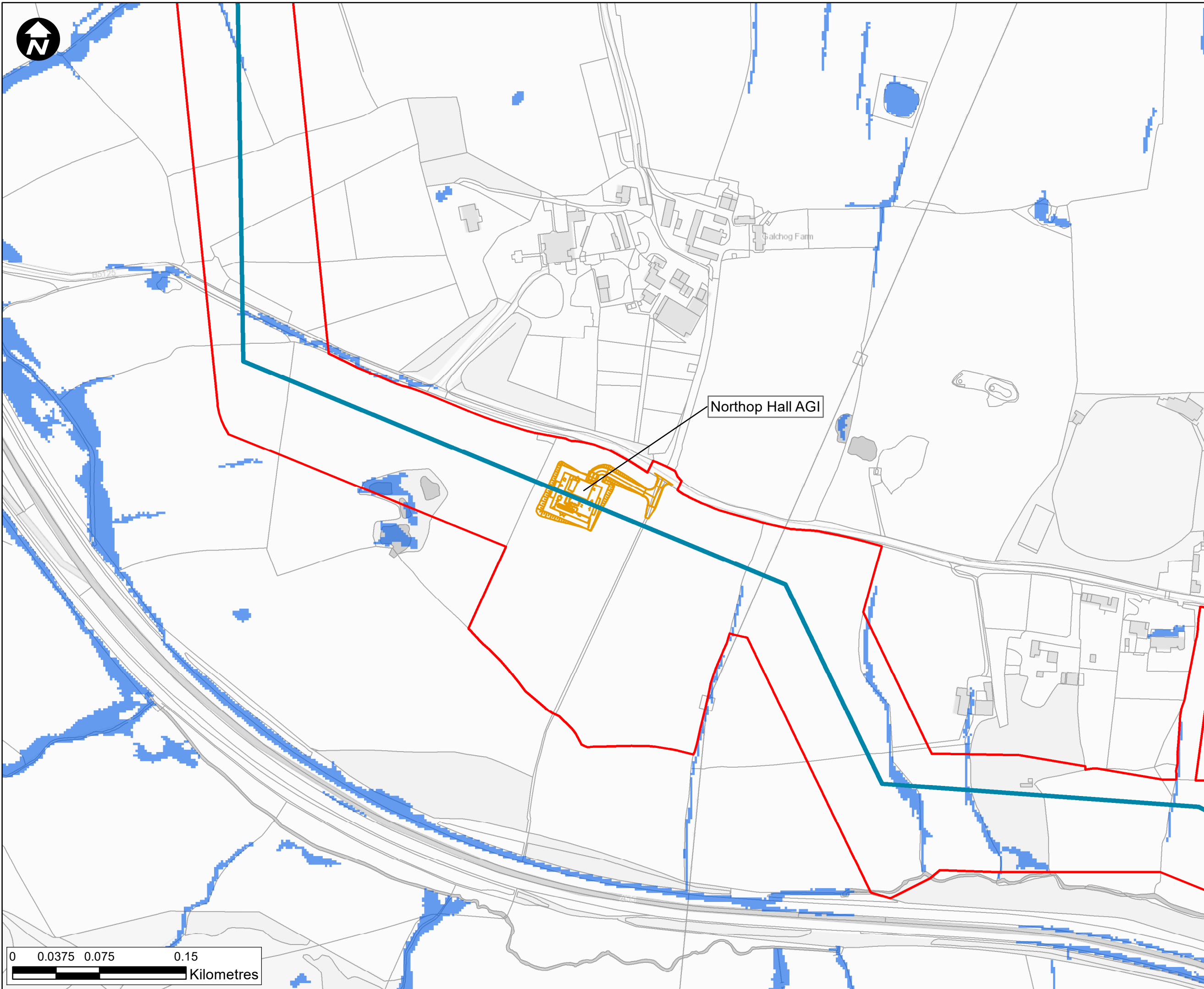
DRAWING STATUS
FOR INFORMATION

DRAWN	CHECKED	APPROVED	AUTHORISED
RS	RH	VM	EI

SCALE @ A3 SIZE	DATE	REVISION
1:30,000	27/07/2022	P01

DRAWING NUMBER
EN070007-APP-ES-18.5.10-Sheet 7





Legend

- Newbuild Infrastructure Boundary
- Ince AGI to Stanlow AGI Pipeline
- Stanlow AGI to Flint AGI Pipeline
- NRW Surface water flooding and ordinary watercourse
- Flint AGI (indicative location)
- Ince AGI (indicative location)
- Northop Hall AGI (indicative location)
- Stanlow AGI (indicative location)
- Aston Hill BVS (indicative location)
- Babell BVS (indicative location)
- Cornist Lane BVS (indicative location)
- Mollington BVS (indicative location)
- Pentre Halkyn BVS (indicative location)
- Rock Bank BVS (indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

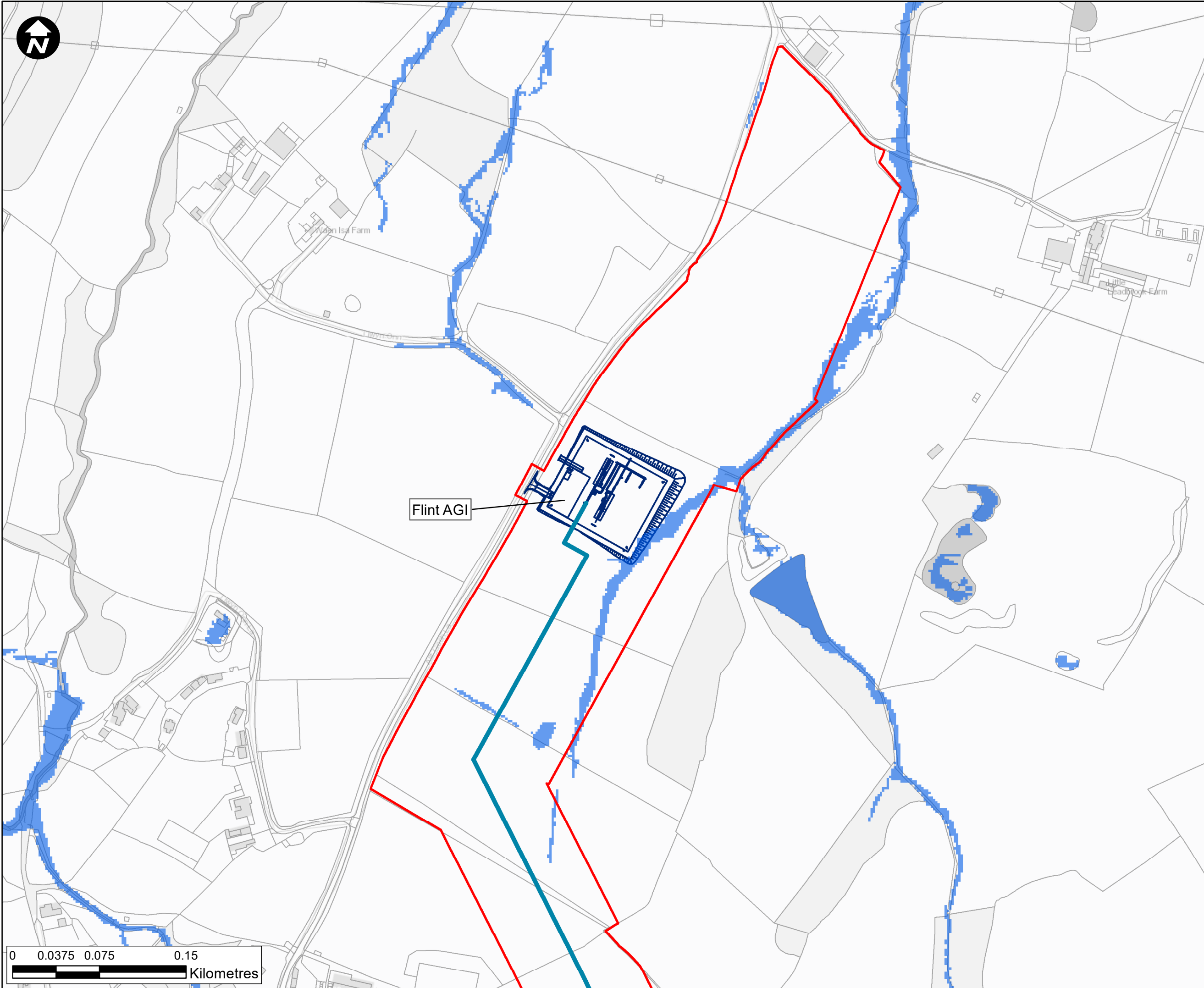
DRAWING TITLE
**Figure 18.5.11
Northop Hall surface water flood map**

DRAWING STATUS
FOR INFORMATION

DRAWN	CHECKED	APPROVED	AUTHORISED
RS	RH	VM	EI

SCALE @ A3 SIZE	DATE	REVISION
1:3,000	27/07/2022	P01

DRAWING NUMBER
EN070007-APP-ES-18.5.11-Sheet 1



Legend

- Newbuild Infrastructure Boundary
- Ince AGI to Stanlow AGI Pipeline
- Stanlow AGI to Flint AGI Pipeline
- NRW Surface water flooding and ordinary watercourse
- Flint AGI (indicative location)
- Ince AGI (indicative location)
- Northop Hall AGI (indicative location)
- Stanlow AGI (indicative location)
- Aston Hill BVS (indicative location)
- Babell BVS (indicative location)
- Cornist Lane BVS (indicative location)
- Mollington BVS (indicative location)
- Pentre Halkyn BVS (indicative location)
- Rock Bank BVS (indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

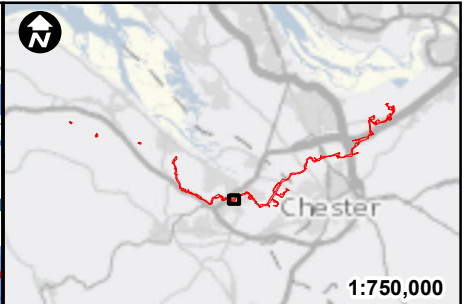
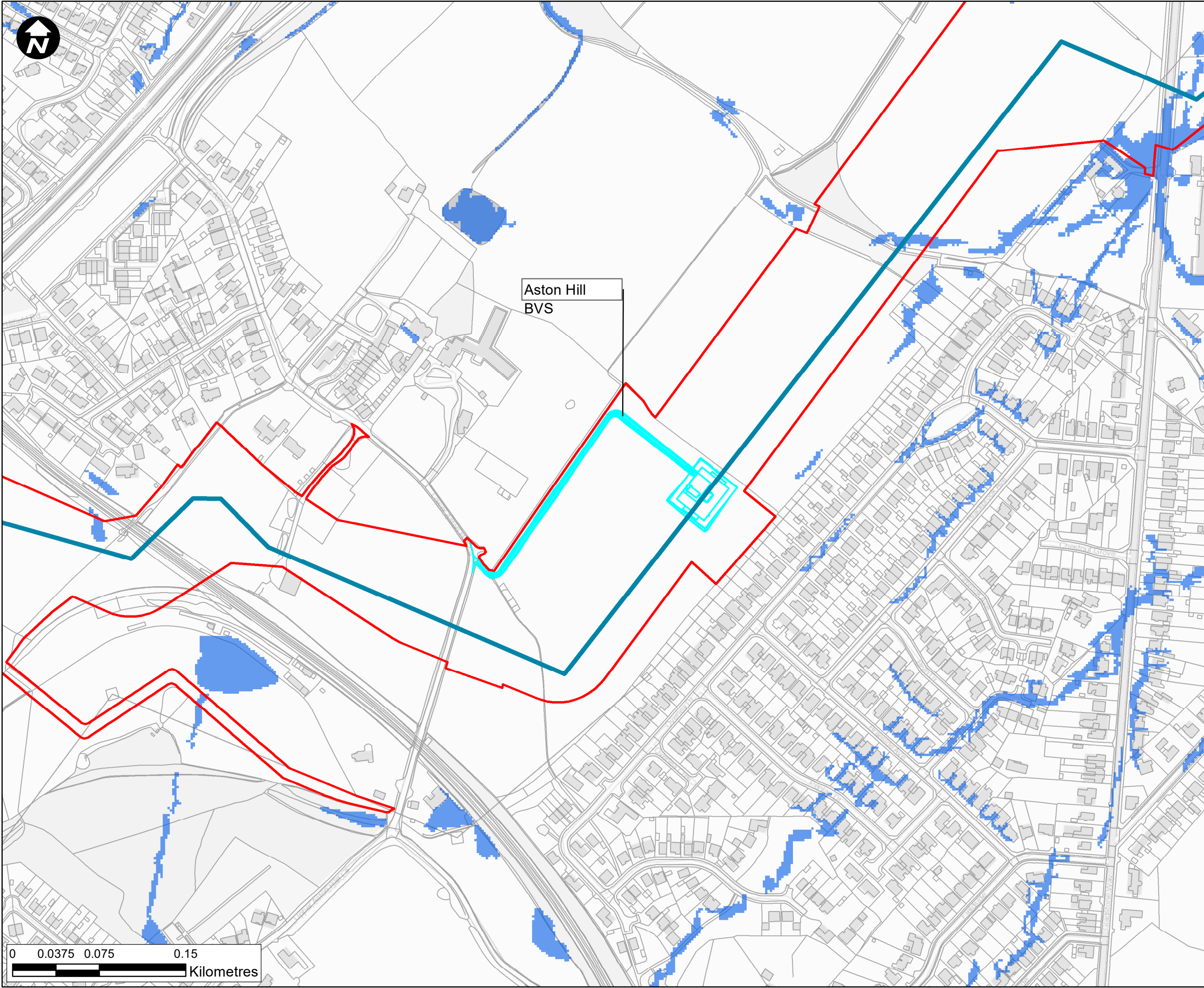
DRAWING TITLE
**Figure 18.5.12
Flint surface water flood map**

DRAWING STATUS
FOR INFORMATION

DRAWN RS	CHECKED RH	APPROVED VM	AUTHORISED EI
-------------	---------------	----------------	------------------

SCALE @ A3 SIZE 1:3,000	DATE 27/07/2022	REVISION P01
----------------------------	--------------------	-----------------

DRAWING NUMBER
EN070007-APP-ES-18.5.12-Sheet 1



- Legend**
- Newbuild Infrastructure Boundary
 - Ince AGI to Stanlow AGI Pipeline
 - Stanlow AGI to Flint AGI Pipeline
 - NRW Surface water flooding and ordinary watercourse
 - Flint AGI (indicative)
 - Ince AGI (indicative)
 - Northop Hall AGI (indicative location)
 - Stanlow AGI (indicative location)
 - Aston Hill BVS (indicative location)
 - Babell BVS (indicative location)
 - Cornist Lane BVS (indicative location)
 - Mollington BVS (indicative location)
 - Pentre Halkyn BVS (indicative location)
 - Rock Bank BVS (indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

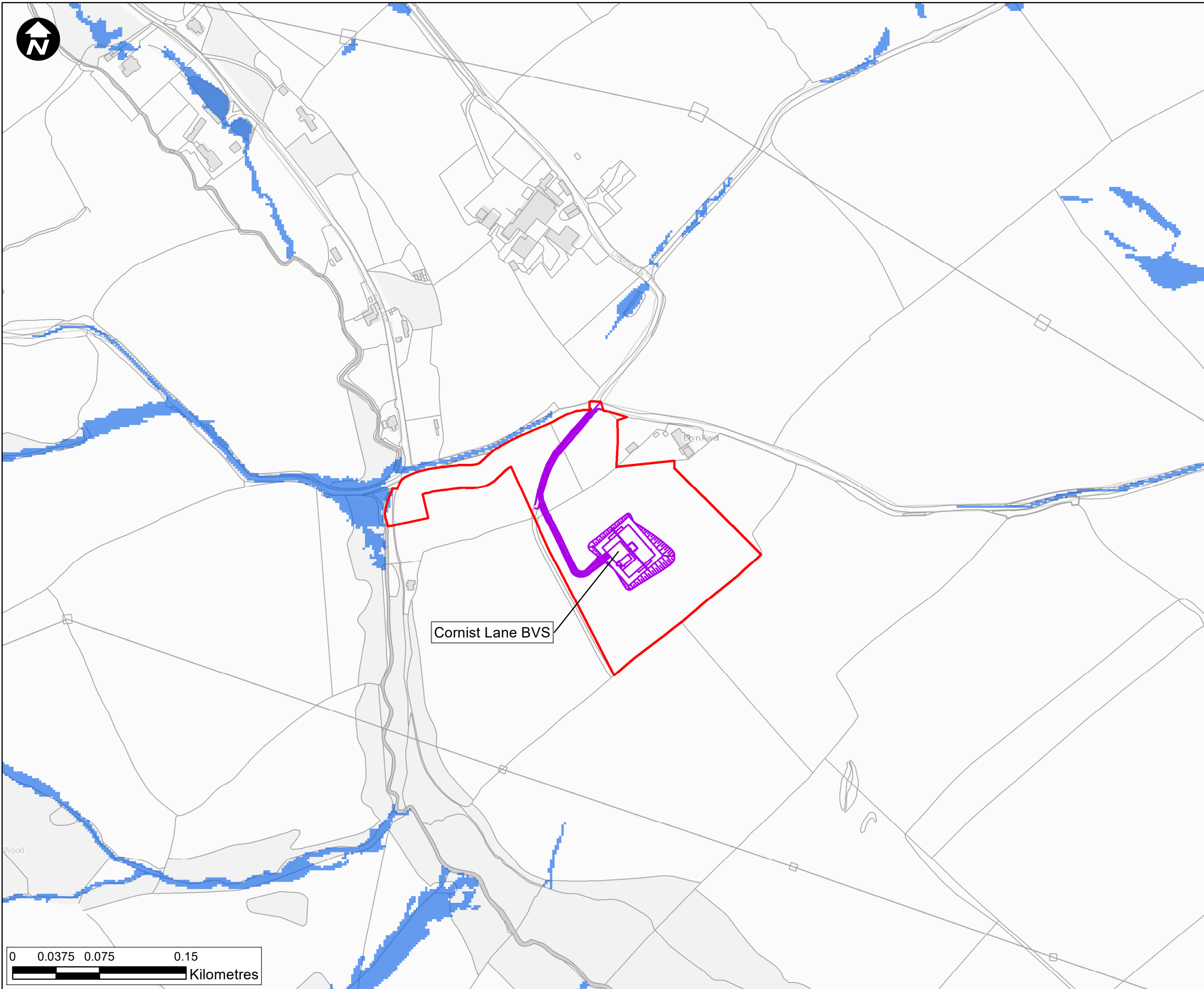
DRAWING TITLE
**Figure 18.5.13
Aston Hill surface water flood map**

DRAWING STATUS
FOR INFORMATION

DRAWN	CHECKED	APPROVED	AUTHORISED
RS	RH	VM	EI

SCALE @ A3 SIZE	DATE	REVISION
1:3,000	27/07/2022	P01

DRAWING NUMBER
EN070007-APP-ES-18.5.13-Sheet 1



Legend

- Newbuild Infrastructure Boundary
- Ince AGI to Stanlow AGI Pipeline
- Stanlow AGI to Flint AGI Pipeline
- NRW Surface water flooding and ordinary watercourse
- Flint AGI (indicative)
- Ince AGI (indicative)
- Northop Hall AGI (indicative location)
- Stanlow AGI (indicative location)
- Aston Hill BVS (indicative location)
- Babell BVS (indicative location)
- Cornist Lane BVS (indicative location)
- Mollington BVS (indicative location)
- Pentre Halkyn BVS (indicative location)
- Rock Bank BVS (indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

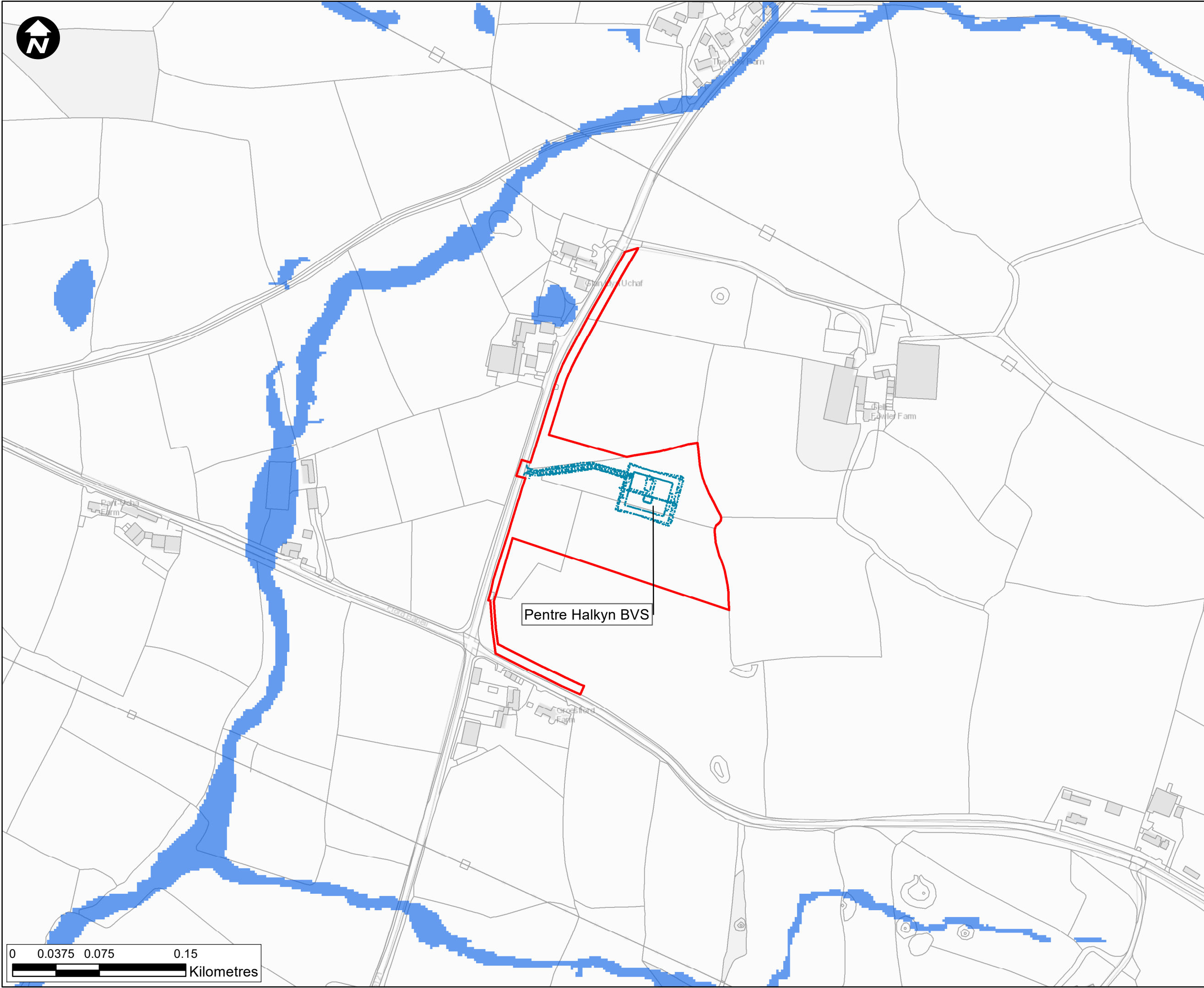
DRAWING TITLE
**Figure 18.5.14
Cornist Lane surface water flood map**

DRAWING STATUS
FOR INFORMATION

DRAWN	CHECKED	APPROVED	AUTHORISED
RS	RH	VM	EI

SCALE @ A3 SIZE	DATE	REVISION
1:3,000	27/07/2022	P01

DRAWING NUMBER
EN070007-APP-ES-18.5.14-Sheet 1



Legend

- Newbuild Infrastructure Boundary
- Ince AGI to Stanlow AGI Pipeline
- Stanlow AGI to Flint AGI Pipeline
- NRW Surface water flooding and ordinary watercourse
- Flint AGI (indicative)
- Ince AGI (indicative)
- Northop Hall AGI (indicative location)
- Stanlow AGI (indicative location)
- Aston Hill BVS (indicative location)
- Babell BVS (indicative location)
- Cornist Lane BVS (indicative location)
- Mollington BVS (indicative location)
- Pentre Halkyn BVS (indicative location)
- Rock Bank BVS (indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

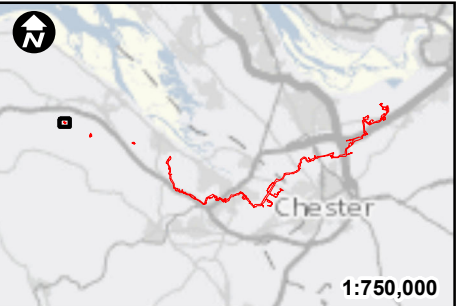
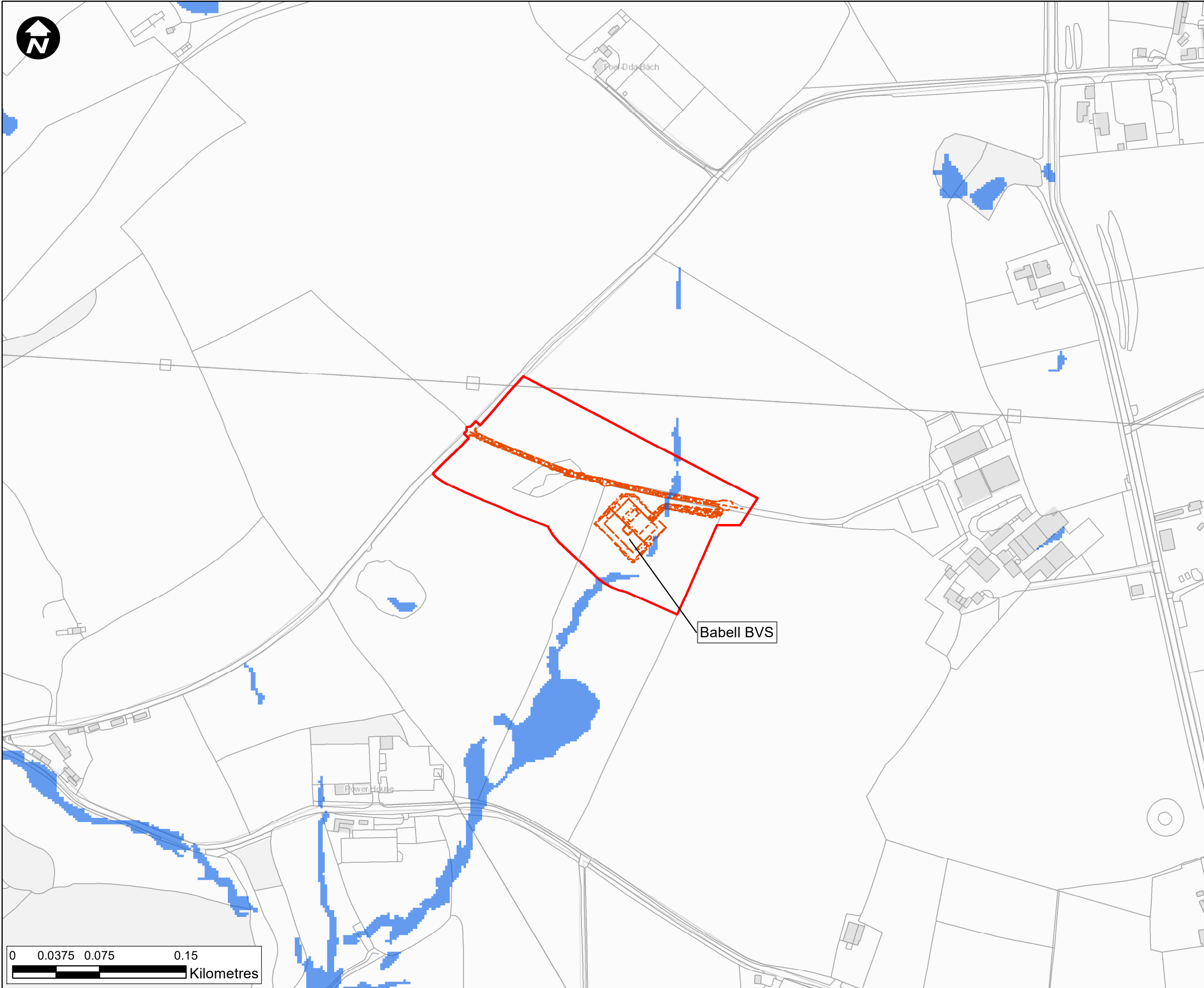
DRAWING TITLE
**Figure 18.5.15
Pentre Halkyn surface water flood map**

DRAWING STATUS
FOR INFORMATION

DRAWN	CHECKED	APPROVED	AUTHORISED
RS	RH	VM	EI

SCALE @ A3 SIZE	DATE	REVISION
1:3,000	28/07/2022	P01

DRAWING NUMBER
EN070007-APP-ES-18.5.15-Sheet 1



- Legend**
- Newbuild Infrastructure Boundary
 - Ince AGI to Stanlow AGI Pipeline
 - Stanlow AGI to Flint AGI Pipeline
 - NRW Surface water flooding and ordinary watercourse
 - Flint AGI (indicative)
 - Ince AGI (indicative)
 - Northop Hall AGI (indicative location)
 - Stanlow AGI (indicative location)
 - Aston Hill BVS (indicative location)
 - Babell BVS (indicative location)
 - Cornist Lane BVS (indicative location)
 - Mollington BVS (indicative location)
 - Pentre Halkyn BVS (indicative location)
 - Rock Bank BVS (indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

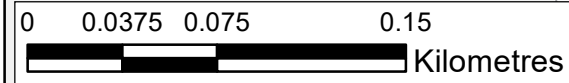
DRAWING TITLE
**Figure 18.5.16
Babell surface water flood map**

DRAWING STATUS
FOR INFORMATION

DRAWN	CHECKED	APPROVED	AUTHORISED
RS	RH	VM	EI

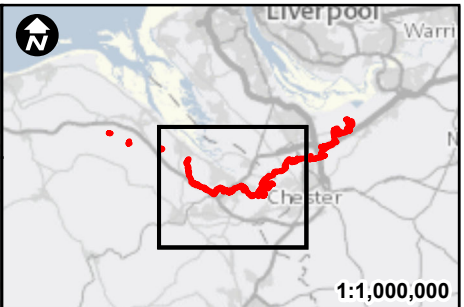
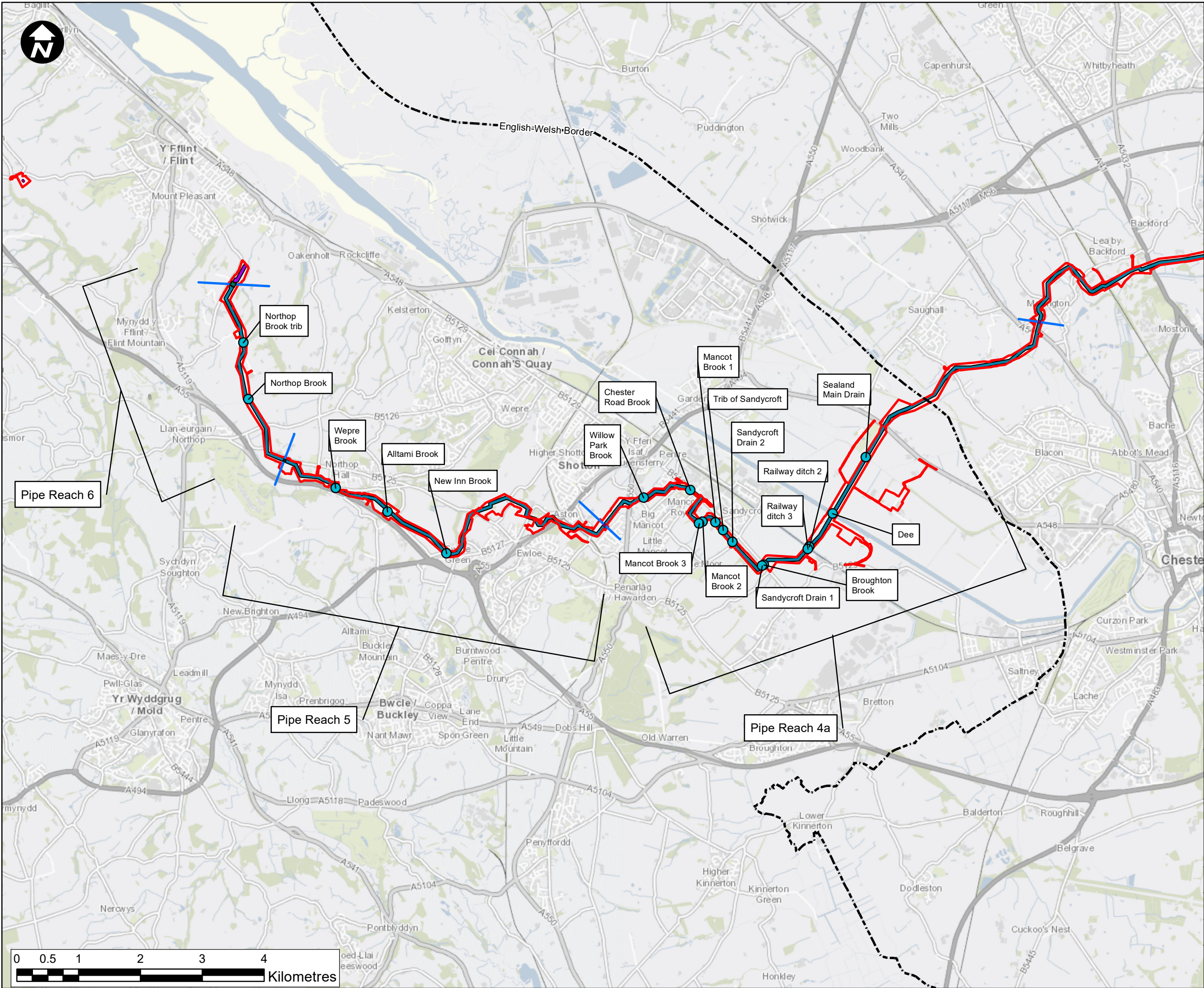
SCALE @ A3 SIZE	DATE	REVISION
1:3,000	27/07/2022	P01

DRAWING NUMBER
EN070007-APP-ES-18.5.16-Sheet 1



Annex F

WATERCOURSE CROSSINGS



Key

- Newbuild Infrastructure Boundary
- Flint AGI to Flint Connection
- Stanlow AGI to Flint AGI
- Above Ground Installation (AGI)
- Block Valve Station (BVS)
- English_Welsh_Border
- Pipe Reach
- Welsh Watercourse Crossings

Contains OS data © Crown Copyright and database right 2020

HyNet North West

HyNet Carbon Dioxide Pipeline DCO

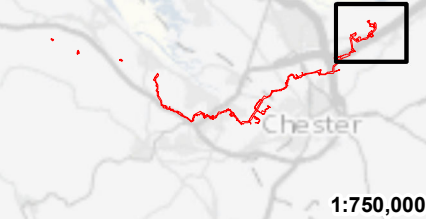
PROJECT TITLE
HyNet Carbon Dioxide Pipeline DCO

DRAWING TITLE
Figure 18.5.17 Watercourse Crossings (Wales)

DRAWING STATUS			
FOR INFORMATION			
DRAWN SS	CHECKED NC	APPROVED GK	AUTHORISED RC
SCALE @ A3 SIZE 1:55,953		DATE 11/08/2022	REVISION P00
DRAWING NUMBER EN070007-APP-ES-18.5.17-Sheet 1			

Annex G

DEVELOPMENT ADVICE MAPS



Legend

- Newbuild Infrastructure Boundary
- Ince AGI to Stanlow AGI Pipeline
- Stanlow AGI to Flint AGI Pipeline
- Ince AGI (indicative location)
- Stanlow AGI (indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

DRAWING TITLE
Figure 18.5.18 DCO 36 inch pipeline Development Advice Map

DRAWING STATUS
FOR INFORMATION

DRAWN	CHECKED	APPROVED	AUTHORISED
RK	RH	VM	EI

SCALE @ A3 SIZE	DATE	REVISION
1:20,000	28/07/2022	P01

DRAWING NUMBER
EN070007-APP-ES-18.5.18-Sheet1