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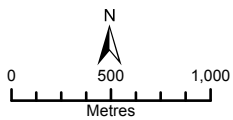
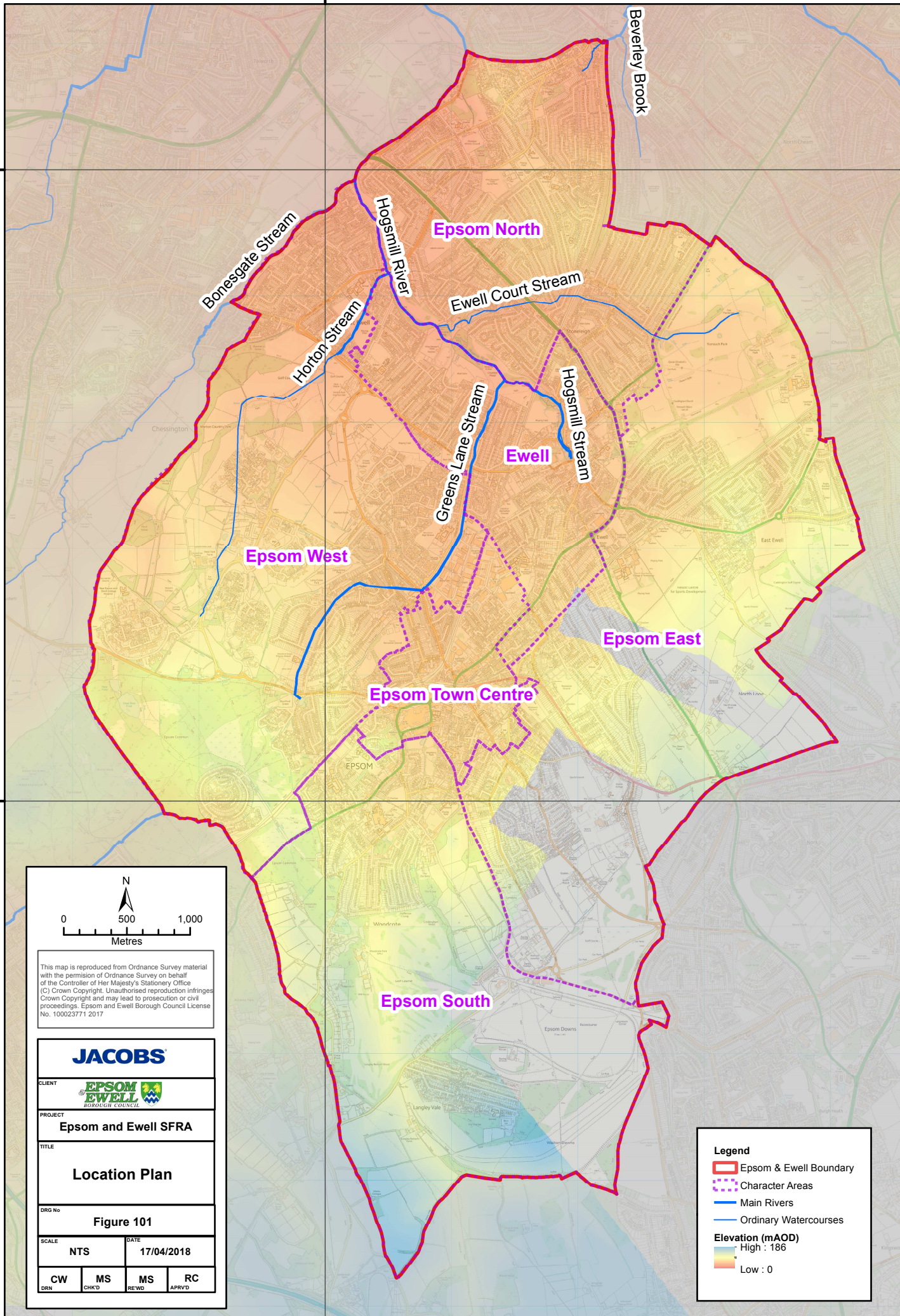
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PROJECT  
**Epsom and Ewell SFRA**

TITLE  
**Location Plan**





DRG No  
**Figure 101**

SCALE  
**NTS**



DATE  
**17/04/2018**

CW	MS	MS	RC
DRN	CHKD	REWD	APRVD

**Legend**

-  Epsom & Ewell Boundary
-  Character Areas
-  Main Rivers
-  Ordinary Watercourses

**Elevation (mAOD)**

-  High : 186
-  Low : 0

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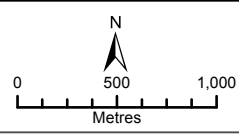
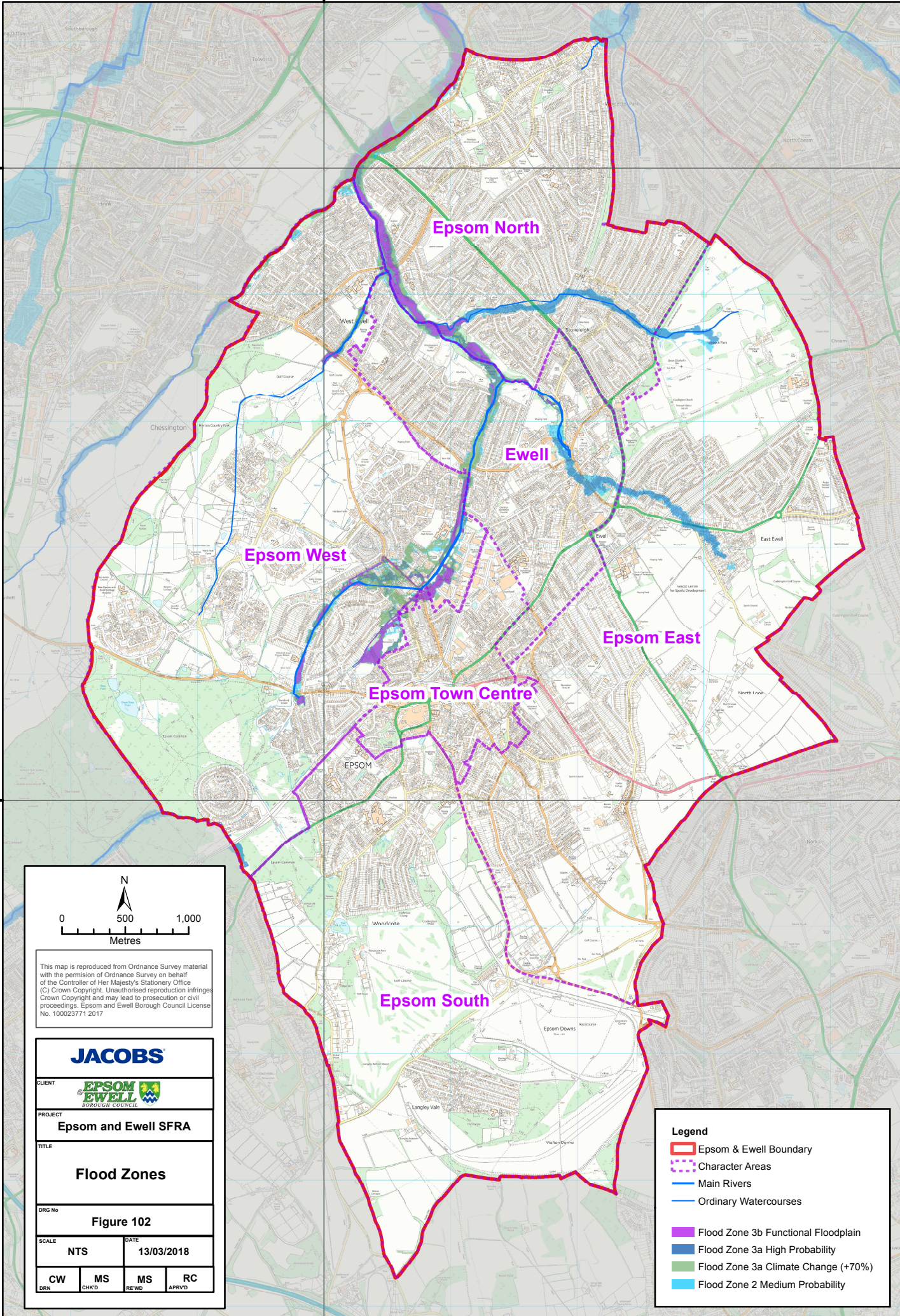
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PROJECT  
**Epsom and Ewell SFRA**

TITLE  
**Flood Zones**

DRG No  
**Figure 102**

SCALE	NTS	DATE	13/03/2018
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CW	MS	MS	RC
DRN	CHK'D	REWD	APRVD

- Legend**
- Epsom & Ewell Boundary
  - Character Areas
  - Main Rivers
  - Ordinary Watercourses
  - Flood Zone 3b Functional Floodplain
  - Flood Zone 3a High Probability
  - Flood Zone 3a Climate Change (+70%)
  - Flood Zone 2 Medium Probability

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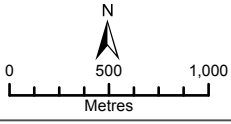
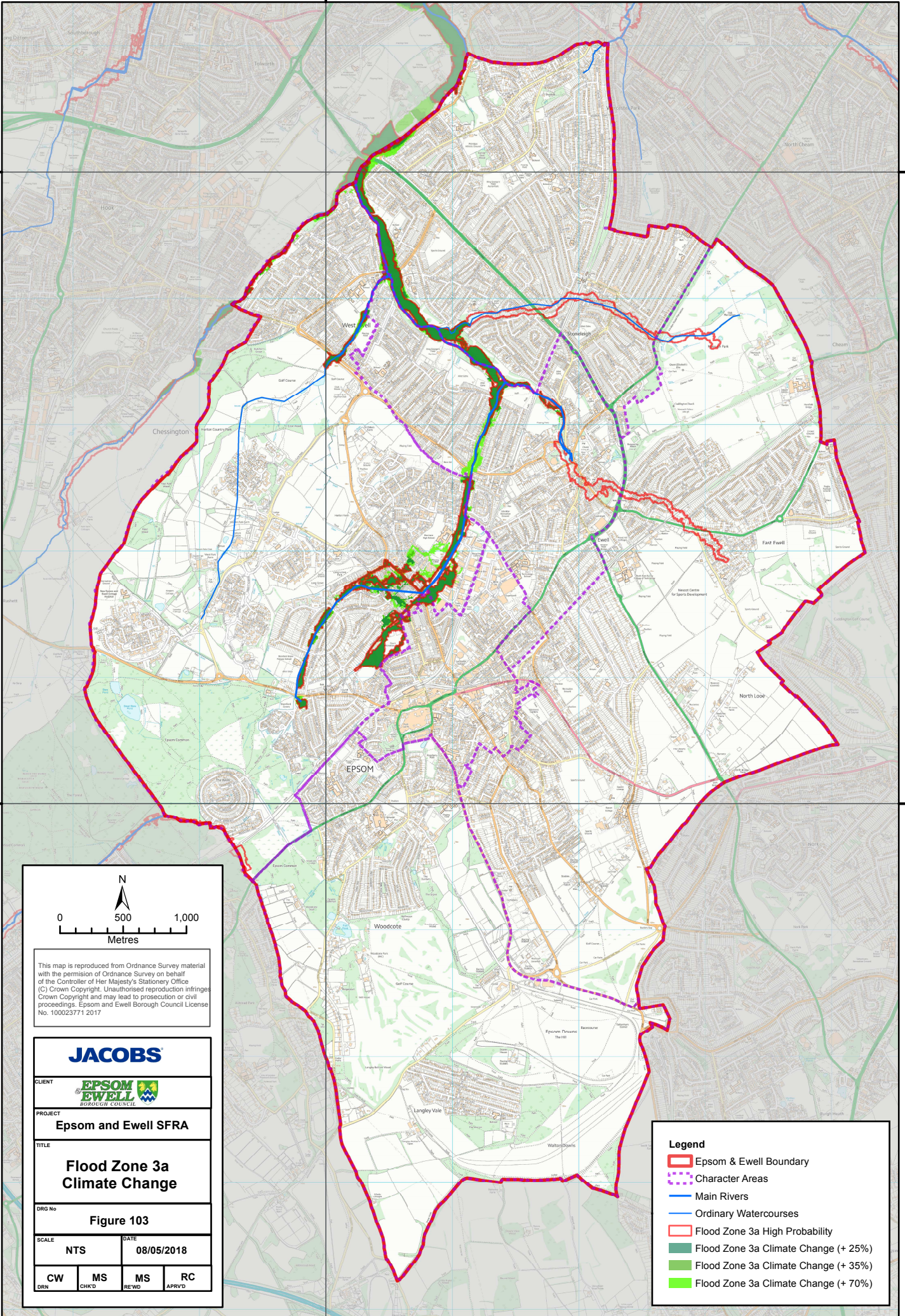
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PROJECT  
**Epsom and Ewell SFRA**

TITLE  
**Flood Zone 3a Climate Change**

DRG No  
**Figure 103**

SCALE  
**NTS**

DATE  
**08/05/2018**

CW	MS	MS	RC
DRN	CHK'D	REWD	APRVD

- Legend**
- Epsom & Ewell Boundary
  - Character Areas
  - Main Rivers
  - Ordinary Watercourses
  - Flood Zone 3a High Probability
  - Flood Zone 3a Climate Change (+ 25%)
  - Flood Zone 3a Climate Change (+ 35%)
  - Flood Zone 3a Climate Change (+ 70%)

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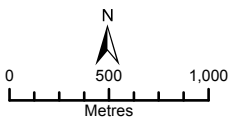
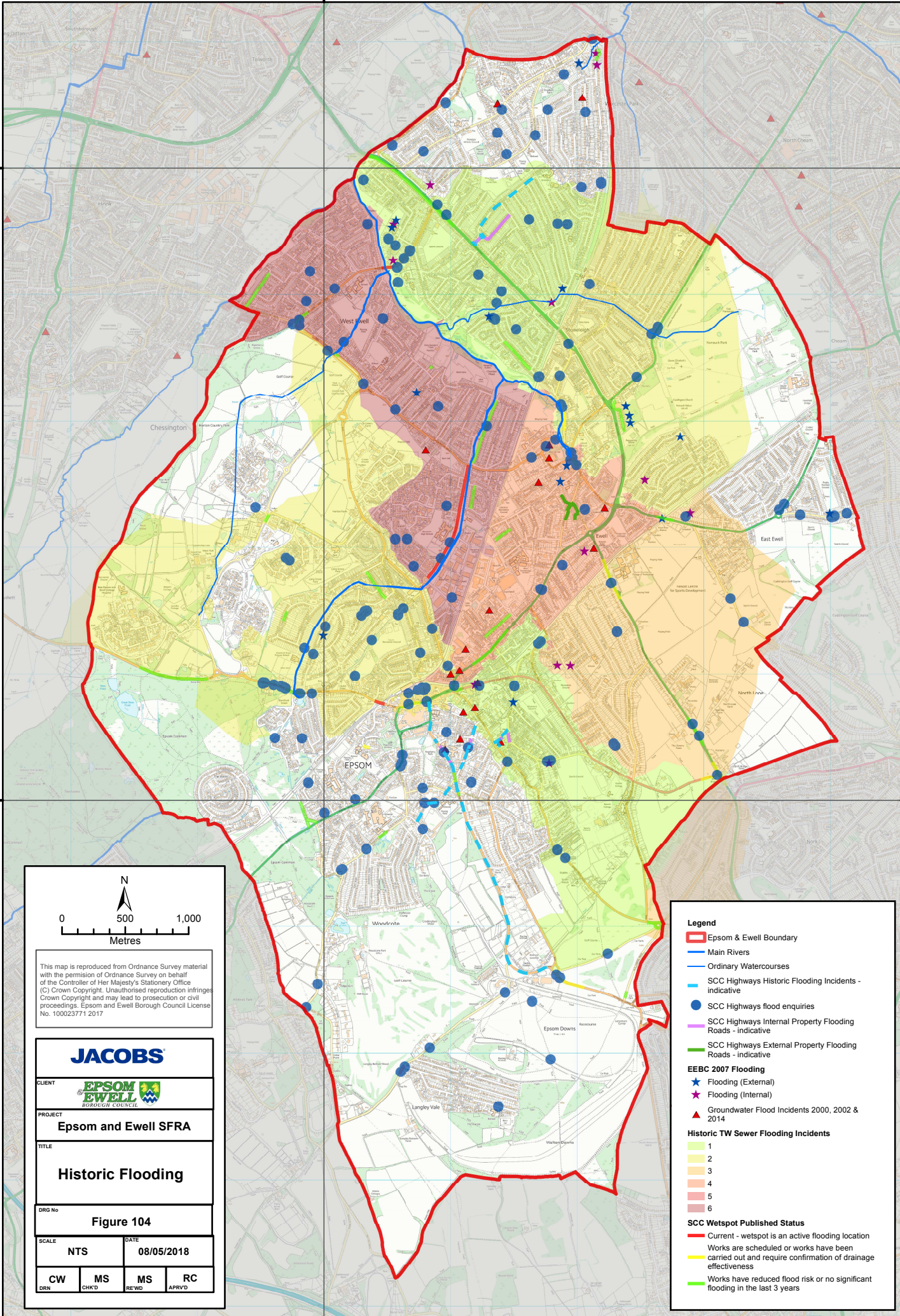
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









TITLE  
 Historic Flooding

DRG No  
 Figure 104

SCALE  
 NTS

DATE  
 08/05/2018

CW	MS	MS	RC
DRN	CHKD	REWD	APRVD

- Legend**
-  Epsom & Ewell Boundary
  -  Main Rivers
  -  Ordinary Watercourses
  -  SCC Highways Historic Flooding Incidents - indicative
  -  SCC Highways flood enquiries
  -  SCC Highways Internal Property Flooding Roads - indicative
  -  SCC Highways External Property Flooding Roads - indicative
- EBC 2007 Flooding**
-  Flooding (External)
  -  Flooding (Internal)
  -  Groundwater Flood Incidents 2000, 2002 & 2014
- Historic TW Sewer Flooding Incidents**
-  1
  -  2
  -  3
  -  4
  -  5
  -  6
- SCC Wetspot Published Status**
-  Current - wetspot is an active flooding location
  -  Works are scheduled or works have been carried out and require confirmation of drainage effectiveness
  -  Works have reduced flood risk or no significant flooding in the last 3 years

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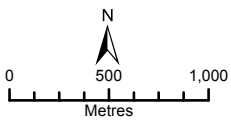
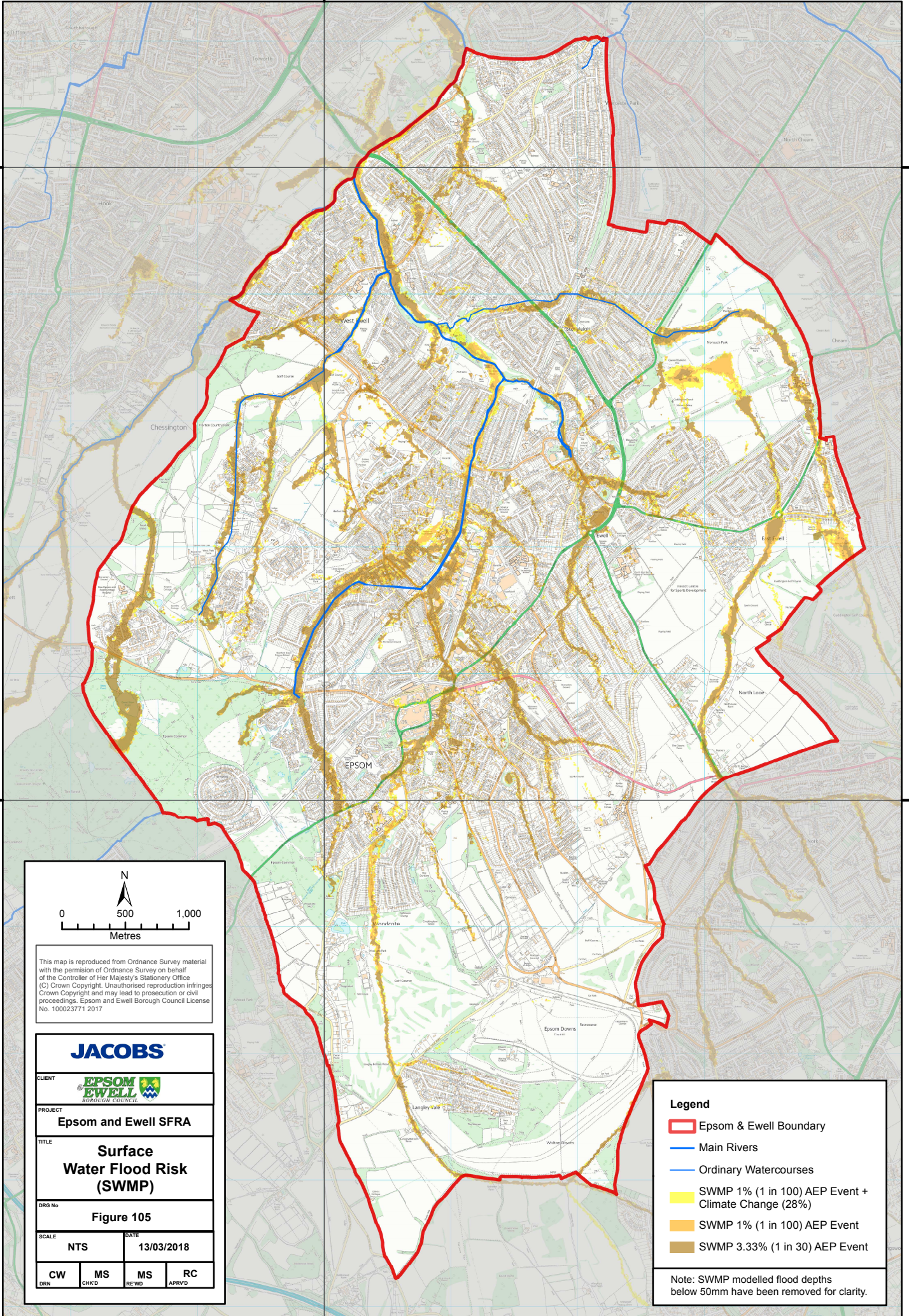
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PROJECT  
 Epsom and Ewell SFRA

TITLE  
**Surface Water Flood Risk (SWMP)**







DRG No  
**Figure 105**

SCALE  
 NTS

DATE  
 13/03/2018

CW	MS	MS	RC
DRN	CHK'D	REWD	APRVD

**Legend**

-  Epsom & Ewell Boundary
-  Main Rivers
-  Ordinary Watercourses
-  SWMP 1% (1 in 100) AEP Event + Climate Change (28%)
-  SWMP 1% (1 in 100) AEP Event
-  SWMP 3.33% (1 in 30) AEP Event

Note: SWMP modelled flood depths below 50mm have been removed for clarity.

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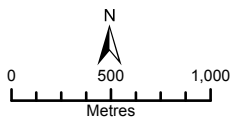
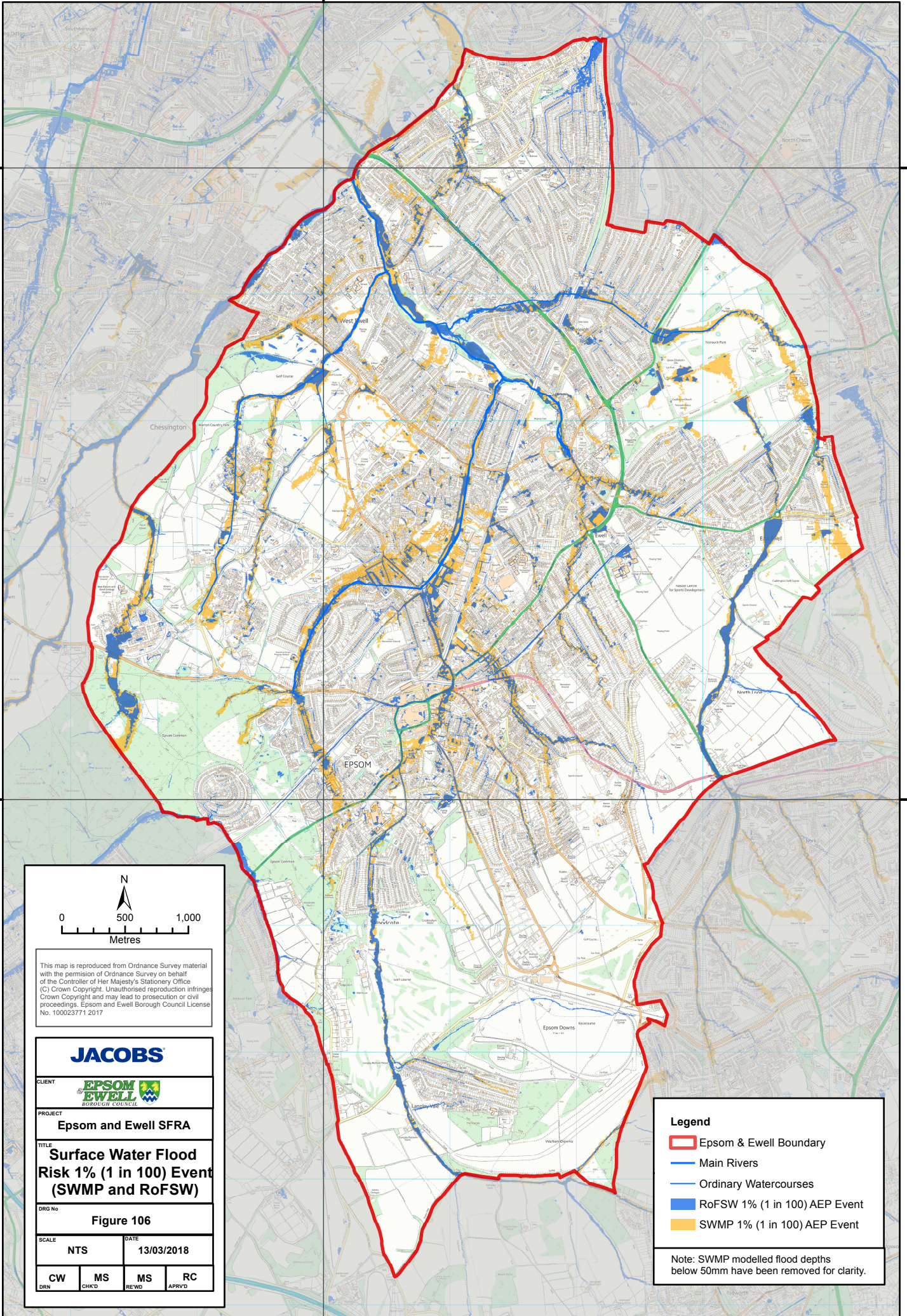
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PROJECT **Epsom and Ewell SFRA**

TITLE **Surface Water Flood Risk 1% (1 in 100) Event (SWMP and RoFSW)**

DRG No **Figure 106**

SCALE **NTS** DATE **13/03/2018**

CW	MS	MS	RC
DRN	CHKD	REWD	APRVD

**Legend**

- ▭ Epsom & Ewell Boundary
- ▬ Main Rivers
- ▬ Ordinary Watercourses
- ▭ RoFSW 1% (1 in 100) AEP Event
- ▭ SWMP 1% (1 in 100) AEP Event

Note: SWMP modelled flood depths below 50mm have been removed for clarity.

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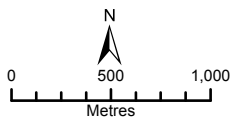
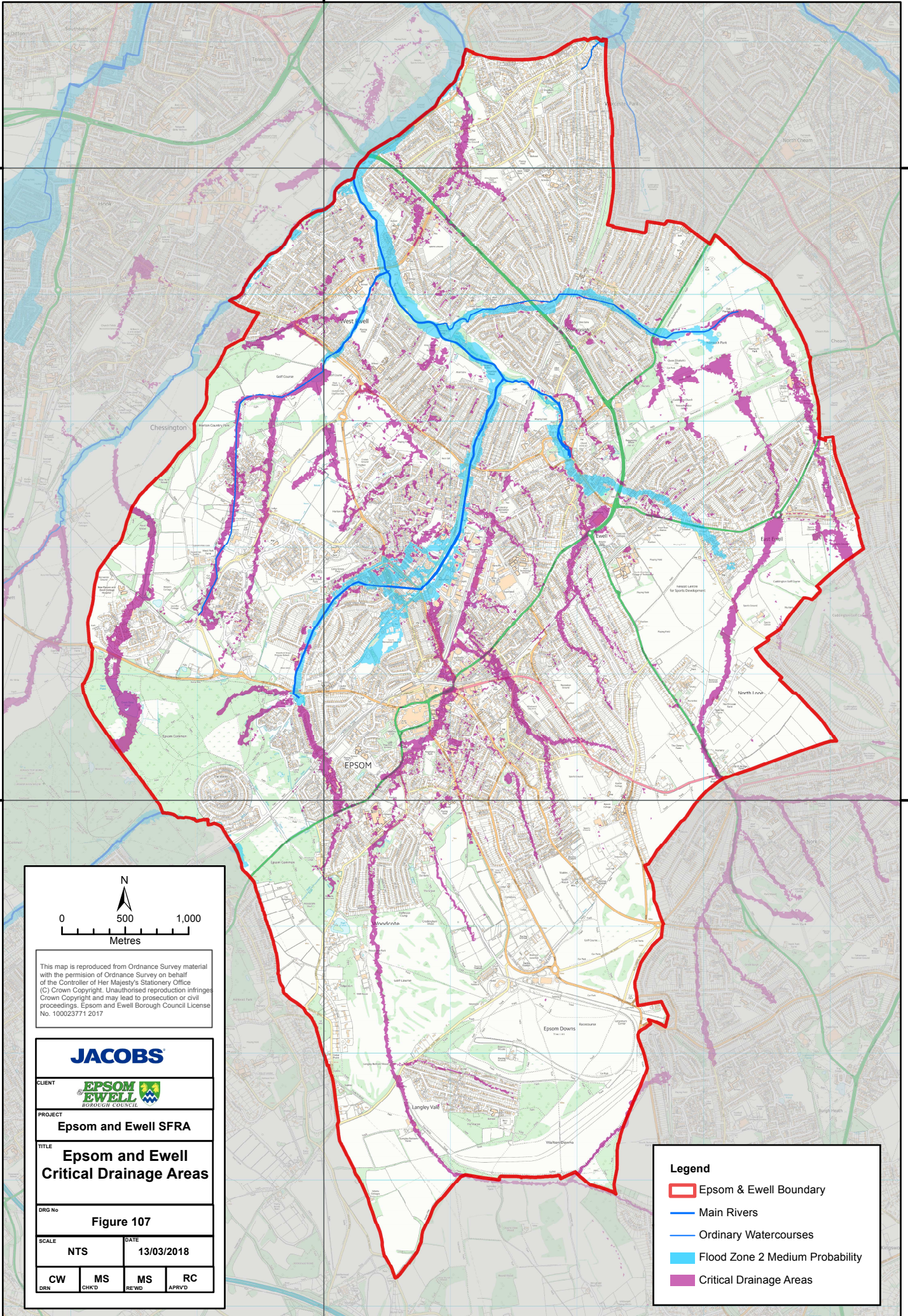
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PROJECT  
**Epsom and Ewell SFRA**

TITLE  
**Epsom and Ewell  
Critical Drainage Areas**

DRG No  
**Figure 107**

SCALE  
**NTS**

DATE  
**13/03/2018**

CW	MS	MS	RC
DRN	CHK'D	REWD	APRVD

**Legend**

- ▭ Epsom & Ewell Boundary
- ▬ Main Rivers
- ▬ Ordinary Watercourses
- ▭ Flood Zone 2 Medium Probability
- ▭ Critical Drainage Areas



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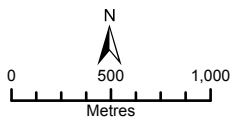
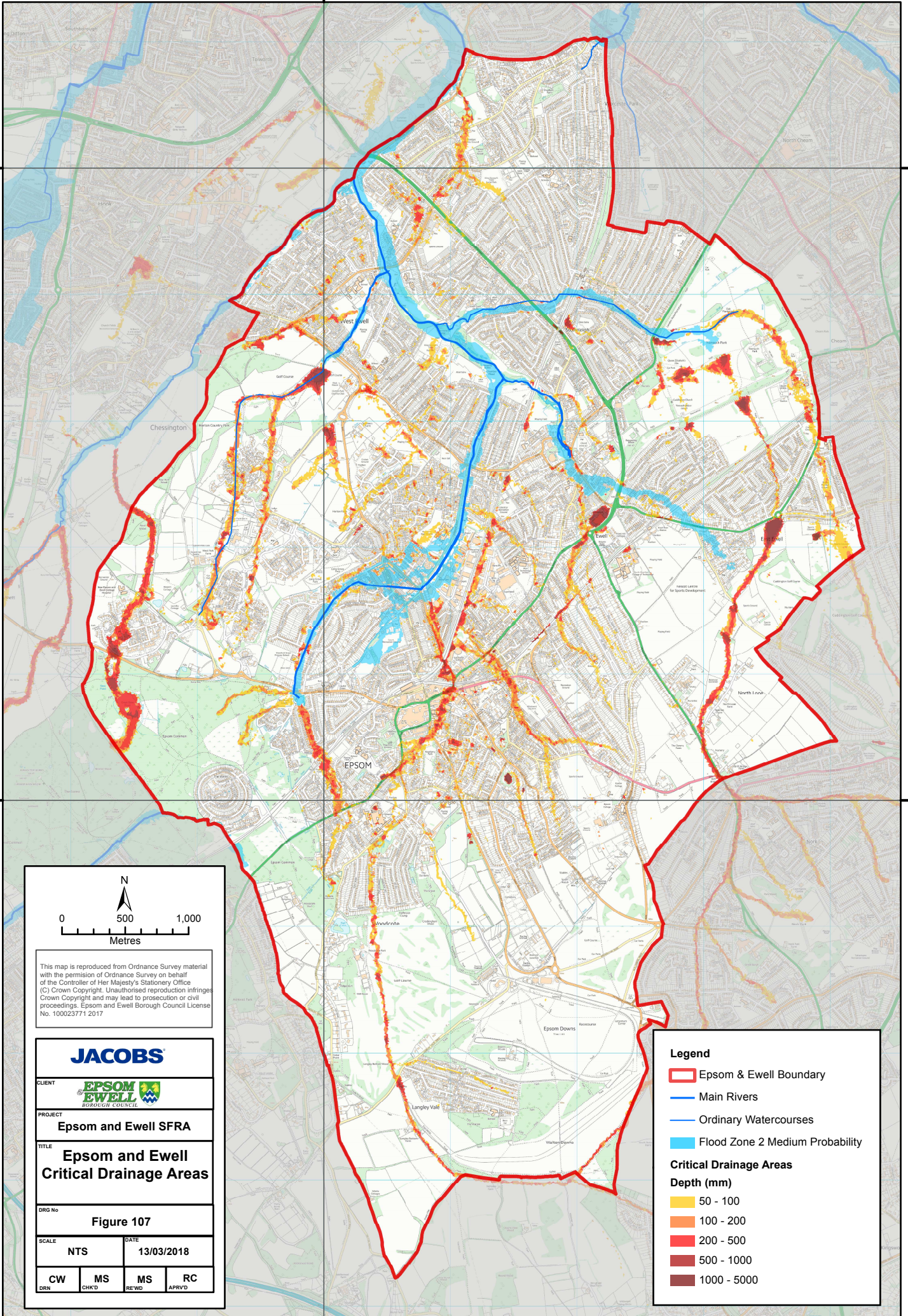
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PROJECT  
**Epsom and Ewell SFRA**

TITLE  
**Epsom and Ewell  
Critical Drainage Areas**

DRG No  
**Figure 107**

SCALE  
**NTS**

DATE  
**13/03/2018**

CW	MS	MS	RC
DRN	CHK'D	REWD	APRVD

**Legend**

- Epsom & Ewell Boundary
- Main Rivers
- Ordinary Watercourses
- Flood Zone 2 Medium Probability
- Critical Drainage Areas**
- Depth (mm)**
- 50 - 100
- 100 - 200
- 200 - 500
- 500 - 1000
- 1000 - 5000

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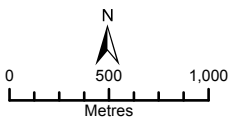
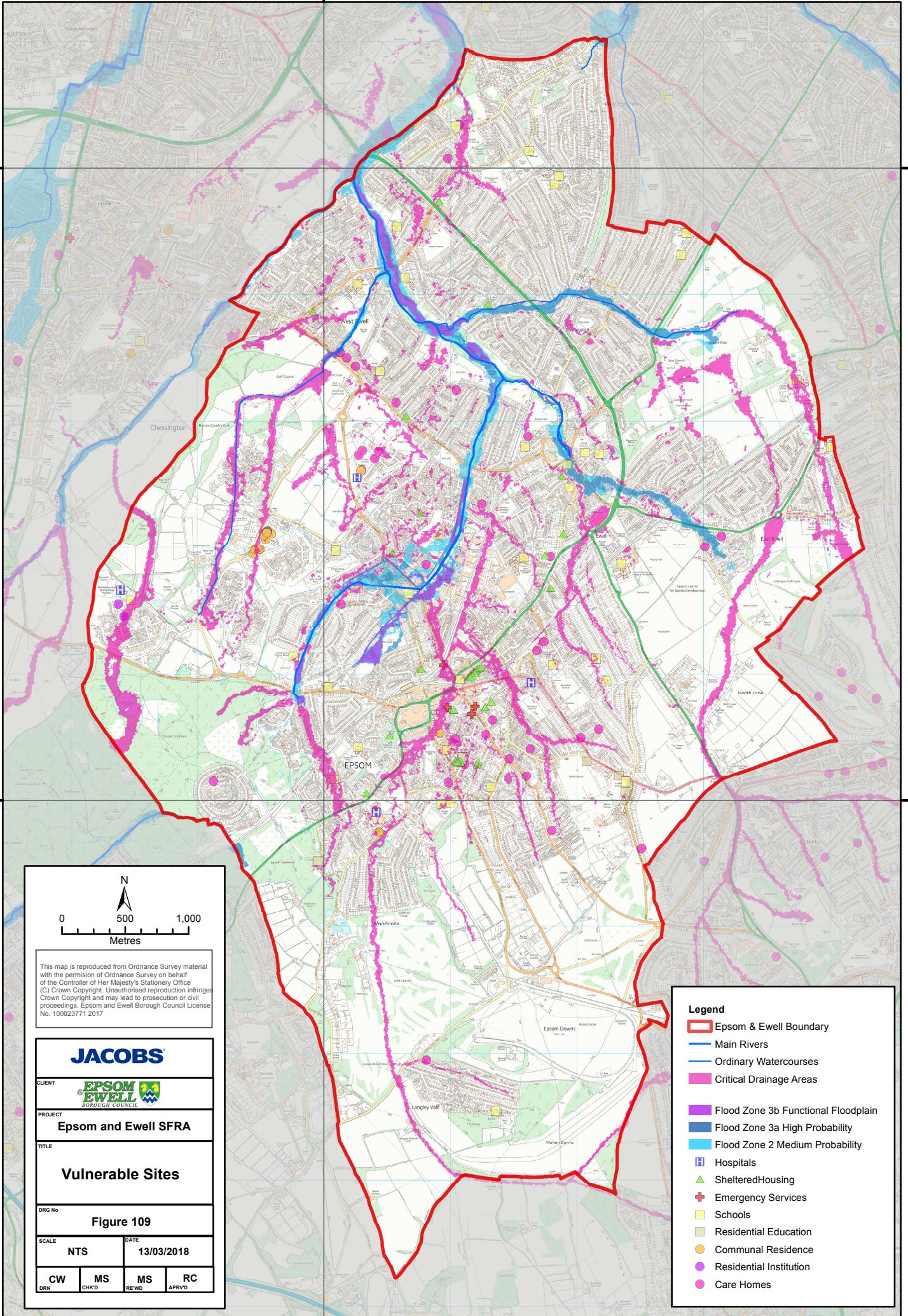
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PROJECT  
**Epsom and Ewell SFRA**

TITLE  
**Vulnerable Sites**

DRG No  
**Figure 109**

SCALE  
**NTS**      DATE  
**13/03/2018**

DRN	CW	MS	MS	RC
	CHK'D	REWD	APRVD	

**Legend**

- Epsom & Ewell Boundary
- Main Rivers
- Ordinary Watercourses
- Critical Drainage Areas
- Flood Zone 3b Functional Floodplain
- Flood Zone 3a High Probability
- Flood Zone 2 Medium Probability
- Hospitals
- Sheltered Housing
- Emergency Services
- Schools
- Residential Education
- Communal Residence
- Residential Institution
- Care Homes

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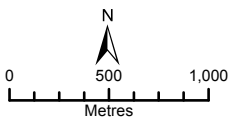
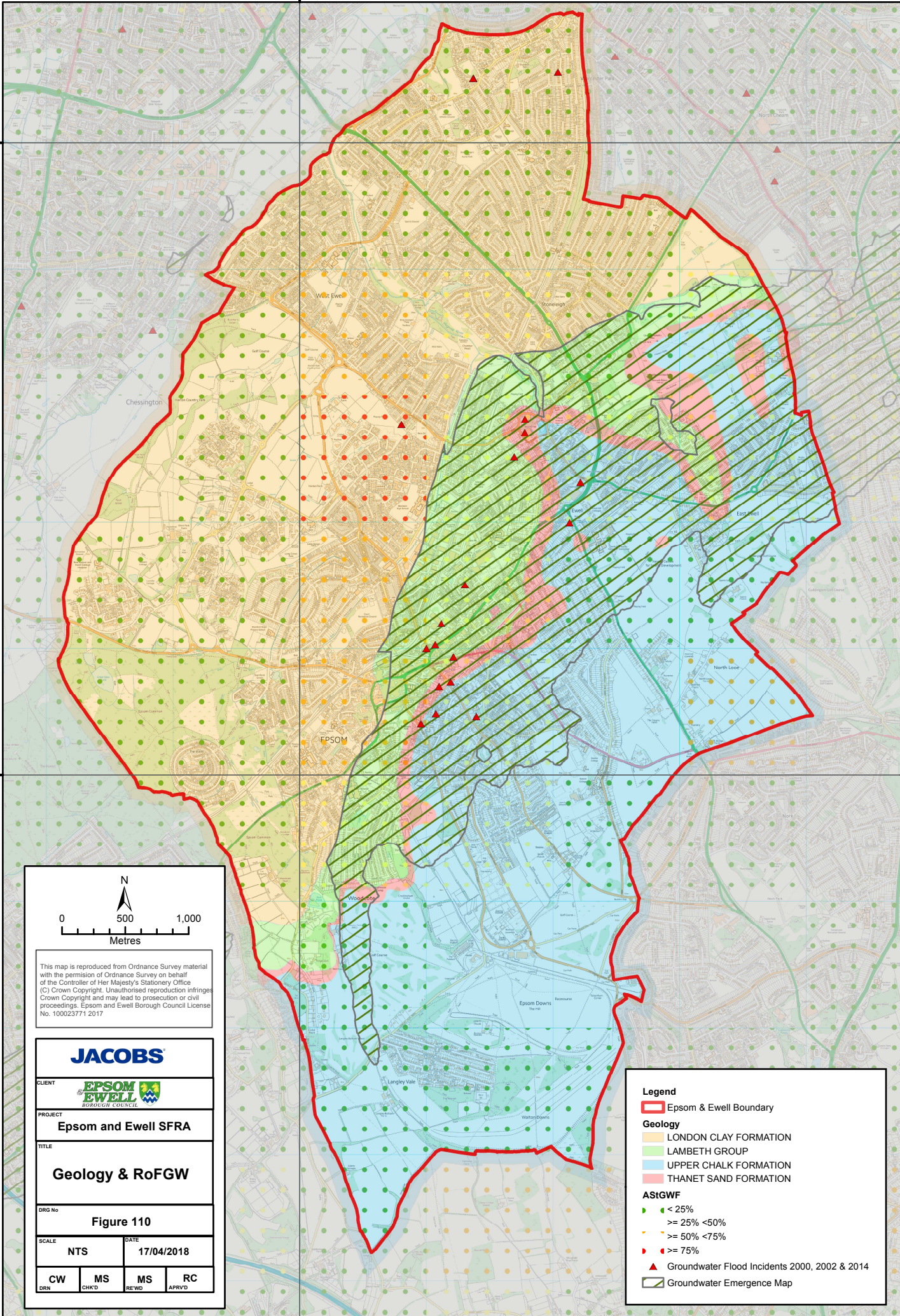
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PROJECT  
 Epsom and Ewell SFRA

TITLE  
**Geology & RoFGW**

DRG No  
**Figure 110**

SCALE  
 NTS

DATE  
 17/04/2018

CW	MS	MS	RC
DRN	CHK'D	REWD	APRVD

**Legend**

- Epsom & Ewell Boundary
- Geology**
- LONDON CLAY FORMATION
- LAMBETH GROUP
- UPPER CHALK FORMATION
- THANET SAND FORMATION
- AStGWF**
- < 25%
- >= 25% <50%
- >= 50% <75%
- >= 75%
- Groundwater Flood Incidents 2000, 2002 & 2014
- Groundwater Emergence Map

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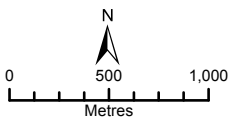
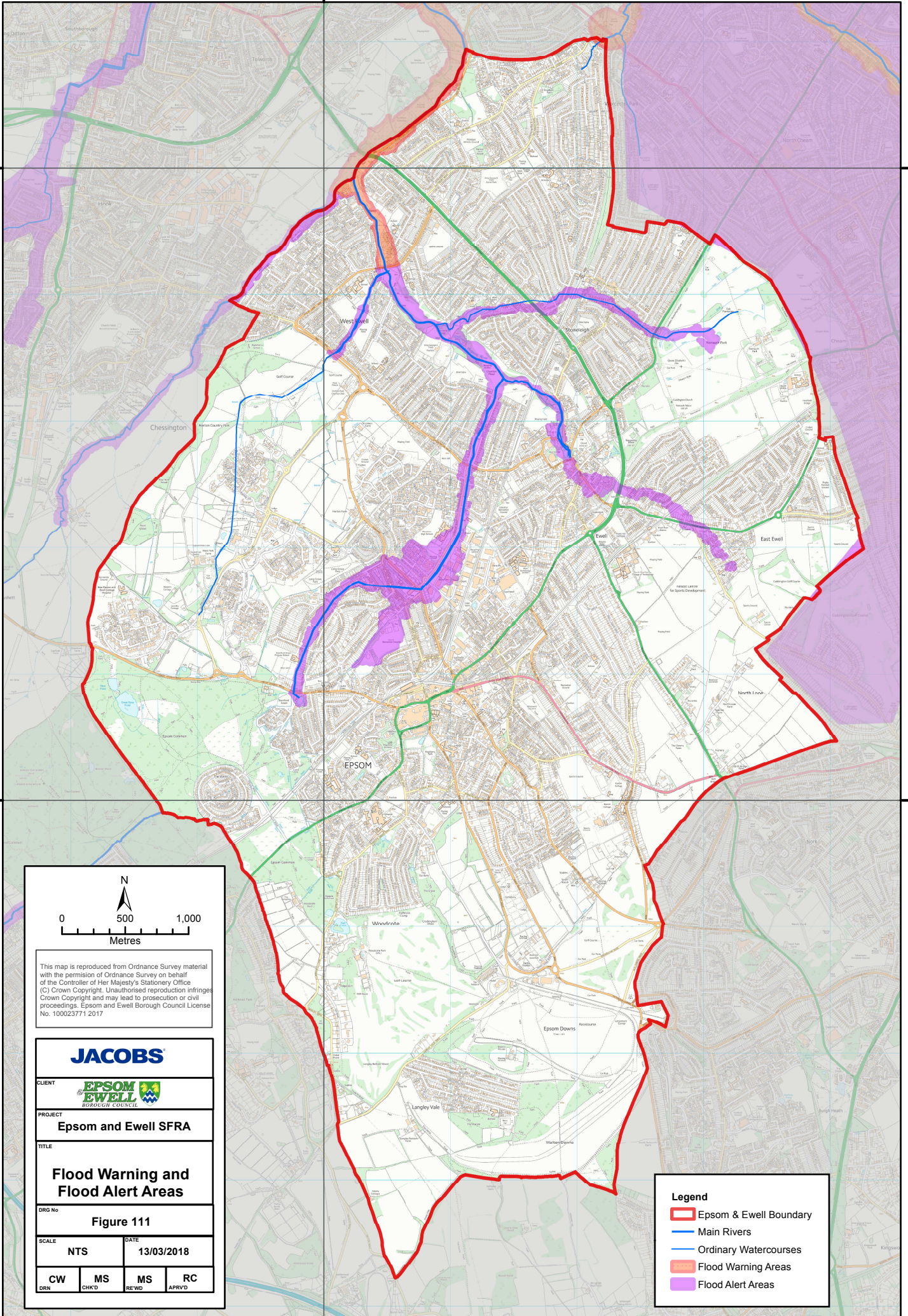
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 Epsom and Ewell SFRA

TITLE

**Flood Warning and Flood Alert Areas**






DRG No  
 Figure 111

SCALE  
 NTS

DATE  
 13/03/2018

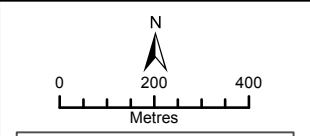
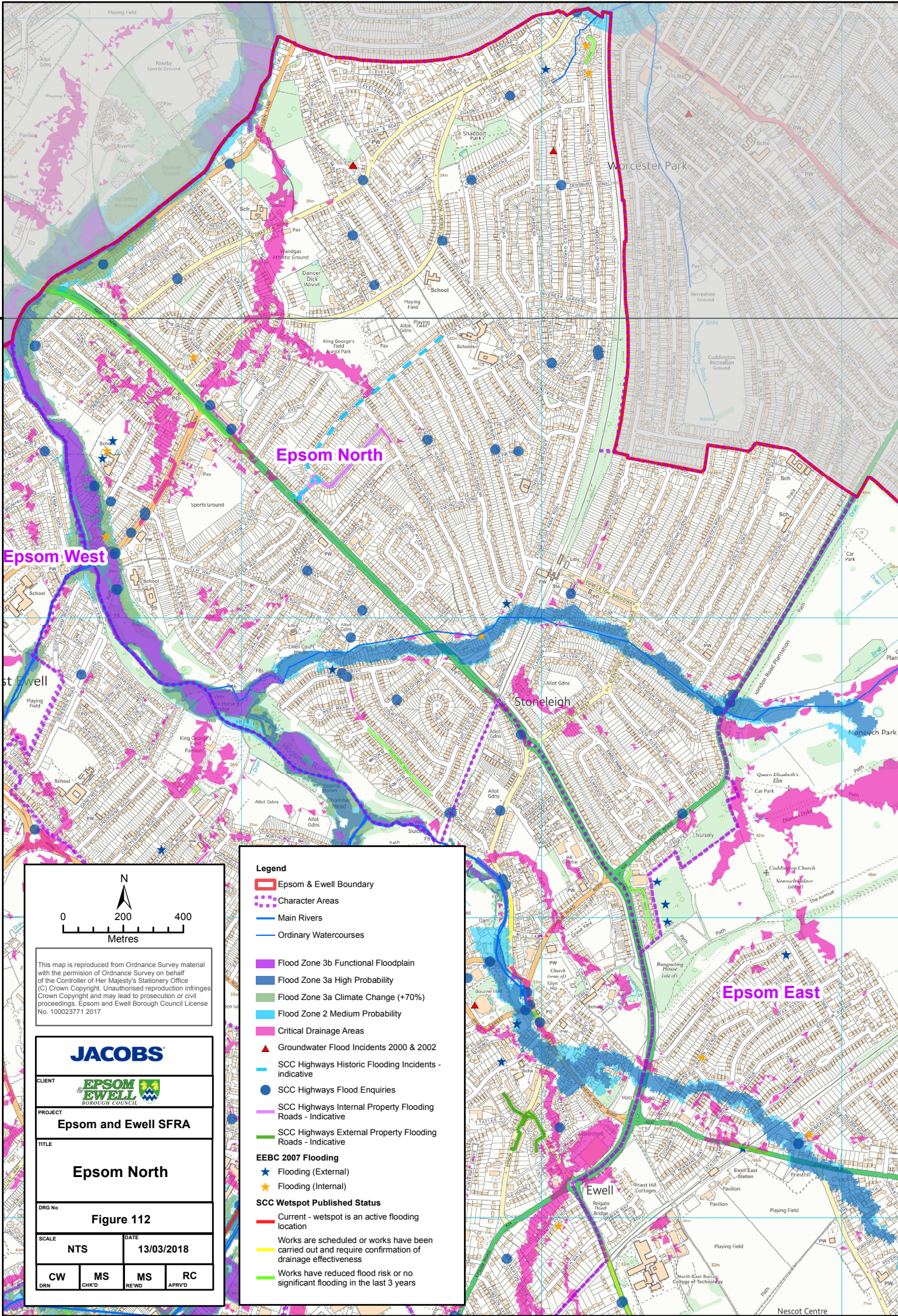
CW	MS	MS	RC
DRN	CHK'D	REWD	APRVD

**Legend**

-  Epsom & Ewell Boundary
-  Main Rivers
-  Ordinary Watercourses
-  Flood Warning Areas
-  Flood Alert Areas

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PROJECT  
**Epsom and Ewell SFRA**

TITLE  
**Epsom North**

DRG No  
**Figure 112**

SCALE  
**NTS**

DATE  
**13/03/2018**

CW	MS	MS	RC
DRN	CHKD	REWD	APRVD

**Legend**

- Epsom & Ewell Boundary
- Character Areas
- Main Rivers
- Ordinary Watercourses
- Flood Zone 3b Functional Floodplain
- Flood Zone 3a High Probability
- Flood Zone 3a Climate Change (+70%)
- Flood Zone 2 Medium Probability
- Critical Drainage Areas
- Groundwater Flood Incidents 2000 & 2002
- SCC Highways Historic Flooding Incidents - indicative
- SCC Highways Flood Enquiries
- SCC Highways Internal Property Flooding Roads - Indicative
- SCC Highways External Property Flooding Roads - Indicative
- EEBC 2007 Flooding**
  - Flooding (External)
  - Flooding (Internal)
- SCC Wetspot Published Status**
  - Current - wetspot is an active flooding location
  - Works are scheduled or works have been carried out and require confirmation of drainage effectiveness
  - Works have reduced flood risk or no significant flooding in the last 3 years

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**Legend**

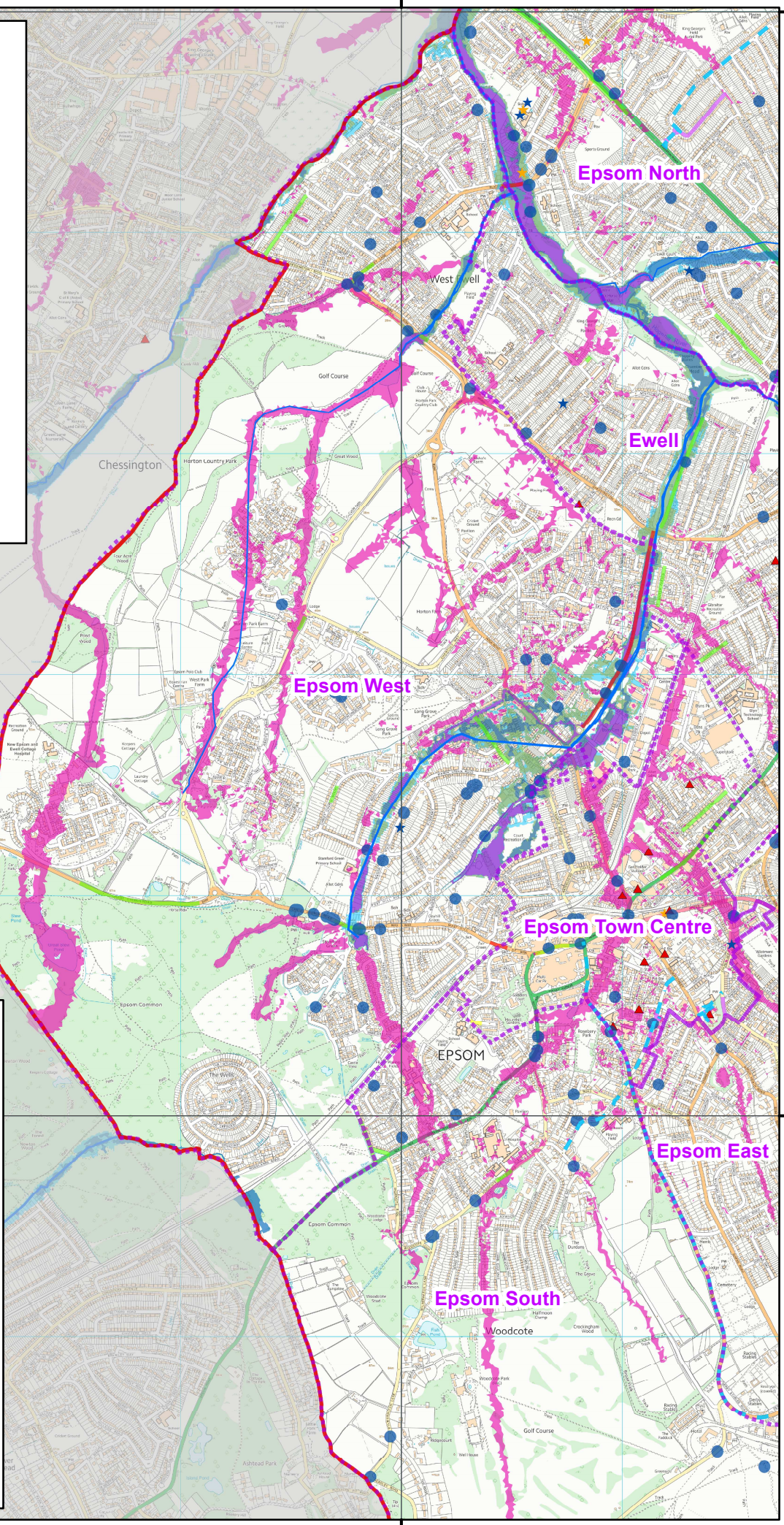
- Epsom & Ewell Boundary
- Character Areas
- Main Rivers
- Ordinary Watercourses
- Flood Zone 3b Functional Floodplain
- Flood Zone 3a High Probability
- Flood Zone 3a Climate Change (+70%)
- Flood Zone 2 Medium Probability
- Critical Drainage Areas
- Groundwater Flood Incidents 2000, 2002 & 2014
- SCC Highways Historic Flooding Incidents - indicative
- SCC Highways Flood Enquiries
- SCC Highways Internal Property Flooding Roads - Indicative
- SCC Highways External Property Flooding Roads - Indicative

**EEBC 2007 Flooding**

- Flooding (External)
- Flooding (Internal)

**SCC Wetspot Published Status**

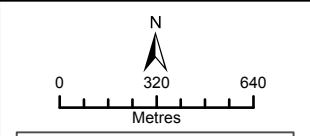
- Current - wetspot is an active flooding location
- Works are scheduled or works have been carried out and require confirmation of drainage effectiveness
- Works have reduced flood risk or no significant flooding in the last 3 years



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PROJECT  
 Epsom and Ewell SFRA

TITLE  
 Epsom West

DRG No  
 Figure 113

SCALE	NTS	DATE	17/04/2018	
CW	MS	MS	RC	
DRN	CHKD	REWD	APRVD	

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**Legend**

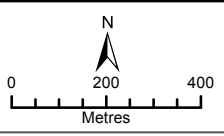
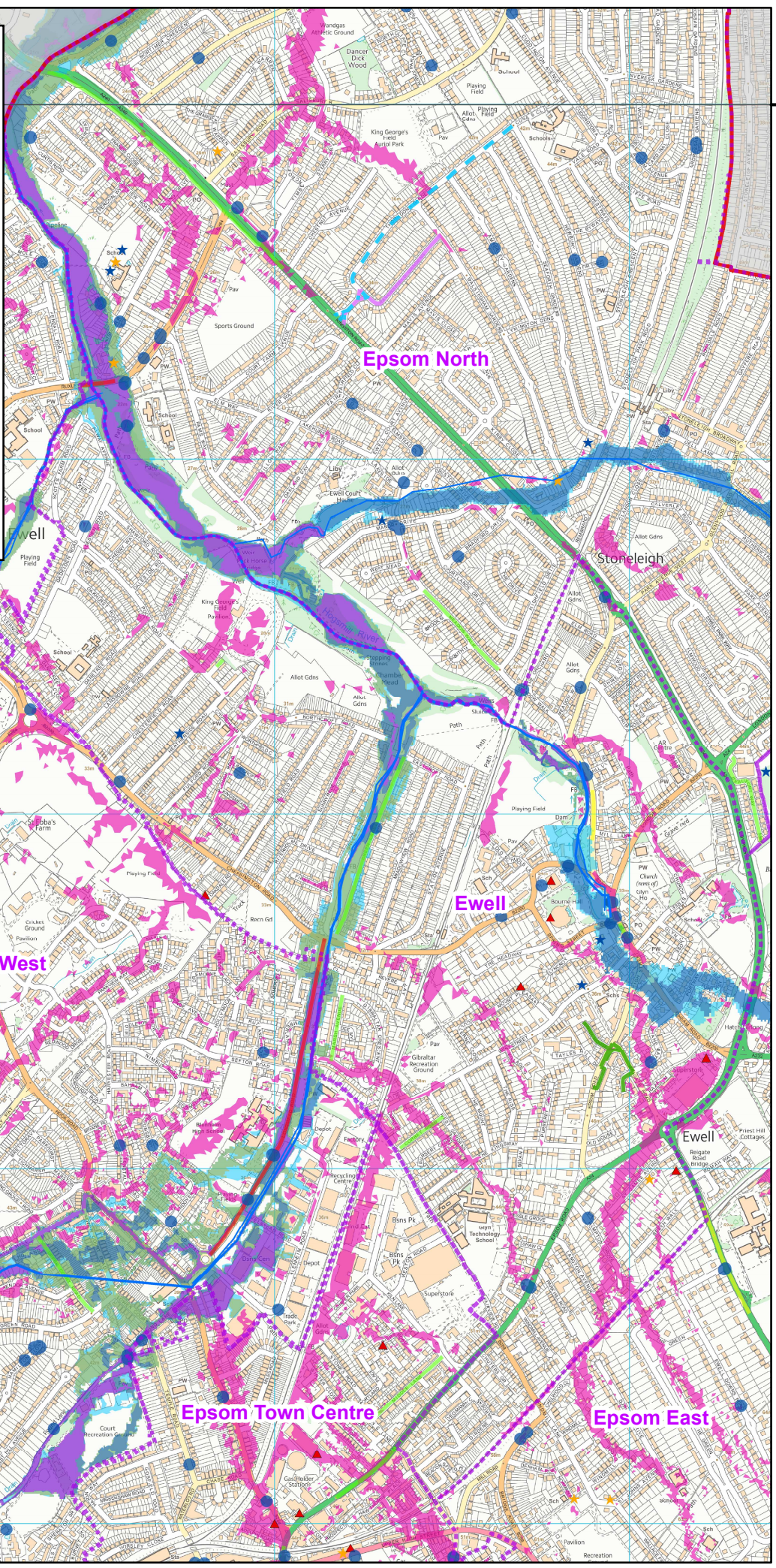
- Epsom & Ewell Boundary
- Character Areas
- Main Rivers
- Ordinary Watercourses
- Flood Zone 3b Functional Floodplain
- Flood Zone 3a High Probability
- Flood Zone 3a Climate Change (+70%)
- Flood Zone 2 Medium Probability
- Critical Drainage Areas
- ▲ Groundwater Flood Incidents 2000, 2002 & 2014
- SCC Highways Historic Flooding Incidents - indicative
- SCC Highways Flood Enquiries
- SCC Highways Internal Property Flooding Roads - indicative
- SCC Highways External Property Flooding Roads - Indicative

**EEBC 2007 Flooding**

- ★ Flooding (External)
- ★ Flooding (Internal)

**SCC Wetspot Published Status**

- Current - wetspot is an active flooding location
- Works are scheduled or works have been carried out and require confirmation of drainage effectiveness
- Works have reduced flood risk or no significant flooding in the last 3 years



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**Epsom and Ewell SFRA**

TITLE  
**Ewell**

DRG No  
**Figure 114**

SCALE	NTS	DATE	17/04/2018
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CW	MS	MS	RC
DRN	CHK'D	REWD	APRVD

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**Legend**

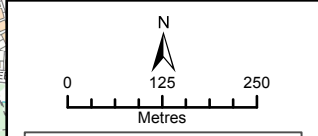
- Epsom & Ewell Boundary
- Character Areas
- Main Rivers
- Ordinary Watercourses
- Flood Zone 3b Functional Floodplain
- Flood Zone 3a High Probability
- Flood Zone 3a Climate Change (+70%)
- Flood Zone 2 Medium Probability
- Critical Drainage Areas
- Groundwater Flood Incidents 2000, 2002 & 2014
- SCC Highways Historic Flooding Incidents - Indicative
- SCC Highways Flood Enquiries
- SCC Highways Internal Property Flooding Roads - Indicative
- SCC Highways External Property Flooding Roads - Indicative

**EEBC 2007 Flooding**

- Flooding (External)
- Flooding (Internal)

**SCC Wetspot Published Status**

- Current - wetspot is an active flooding location
- Works are scheduled or works have been carried out and require confirmation of drainage effectiveness
- Works have reduced flood risk or no significant flooding in the last 3 years



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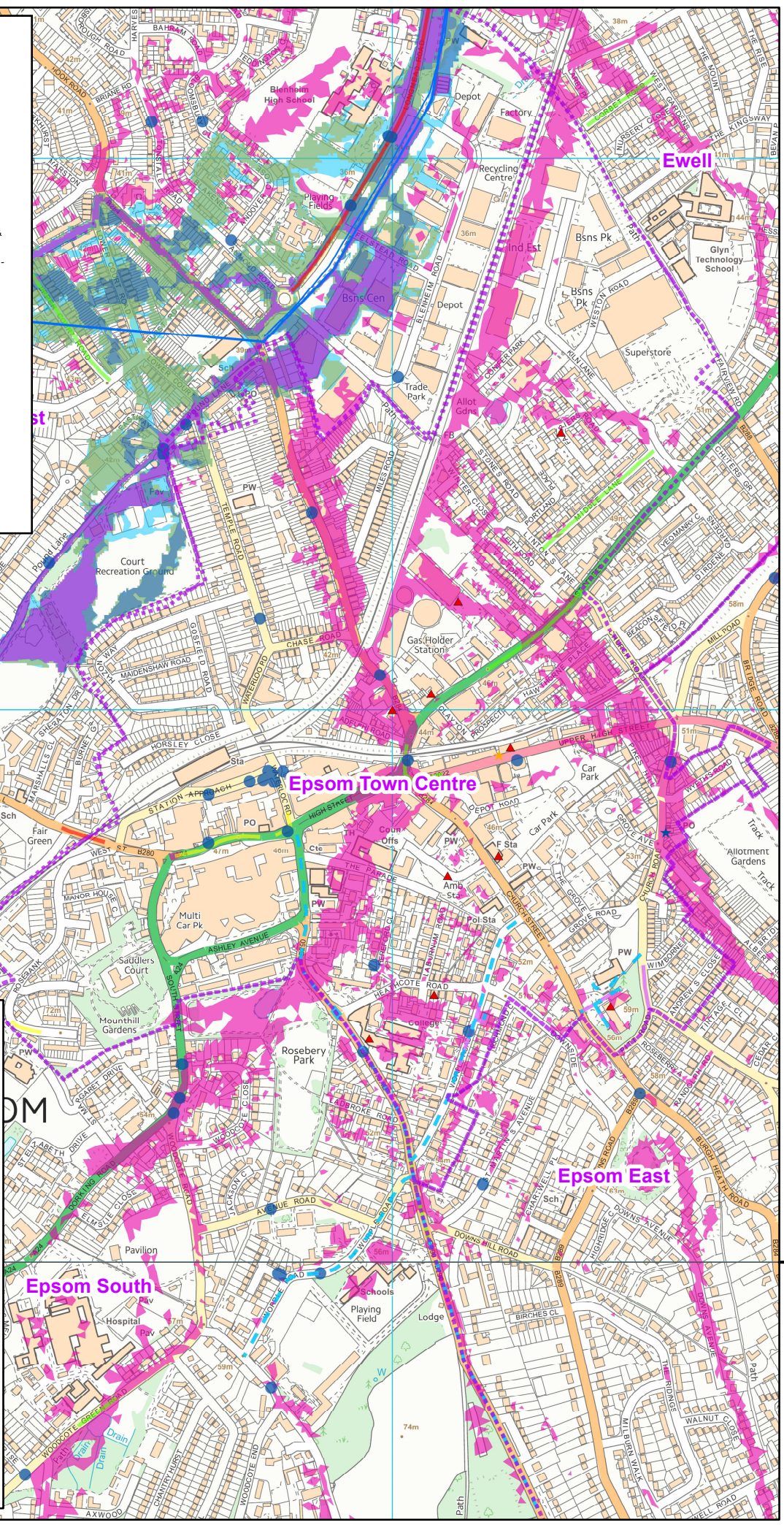
CLIENT  
**EPSOM & EWELL BOROUGH COUNCIL**

PROJECT  
**Epsom and Ewell SFRA**

TITLE  
**Epsom Town Centre**

DRG No  
**Figure 115**

SCALE	NTS	DATE	17/04/2018
CW	MS	MS	RC
DRN	CHKD	REWD	APRVD





**Legend**

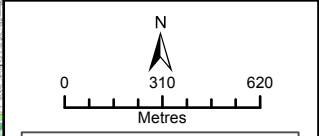
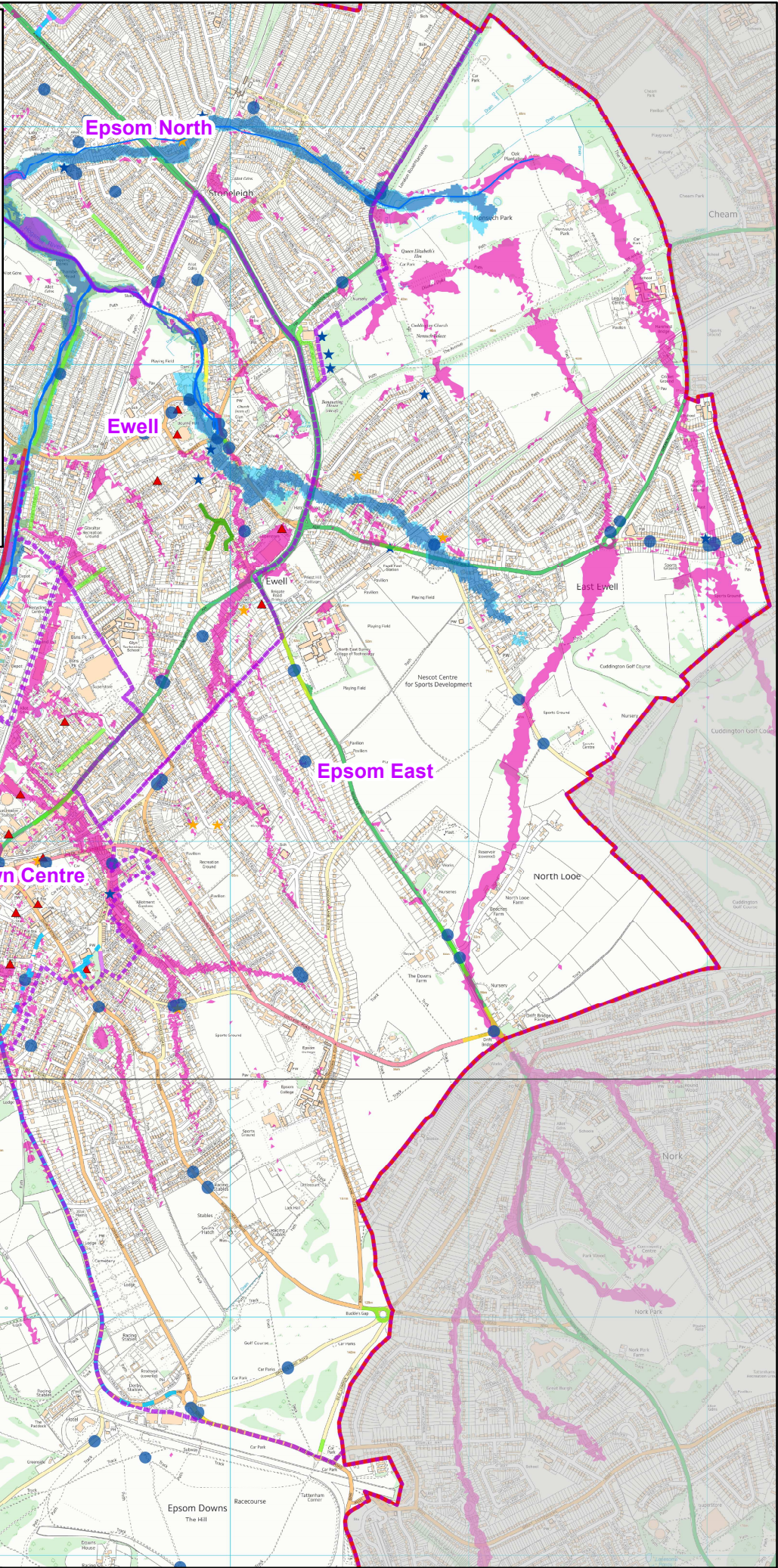
- Epsom & Ewell Boundary
- Character Areas
- Main Rivers
- Ordinary Watercourses
- Flood Zone 3b Functional Floodplain
- Flood Zone 3a High Probability
- Flood Zone 3a Climate Change (+70%)
- Flood Zone 2 Medium Probability
- Critical Drainage Areas
- ▲ Groundwater Flood Incidents 2000, 2002 & 2014
- SCC Highways Flood Enquiries
- ★ SCC Highways Internal Property Flooding Roads - Indicative
- SCC Highways External Property Flooding Roads - Indicative

**EEBC 2007 Flooding**

- ★ Flooding (External)
- ★ Flooding (Internal)

**SCC Wetspot Published Status**

- Current - wetspot is an active flooding location
- Works are scheduled or works have been carried out and require confirmation of drainage effectiveness
- Works have reduced flood risk or no significant flooding in the last 3 years



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**JACOBS**

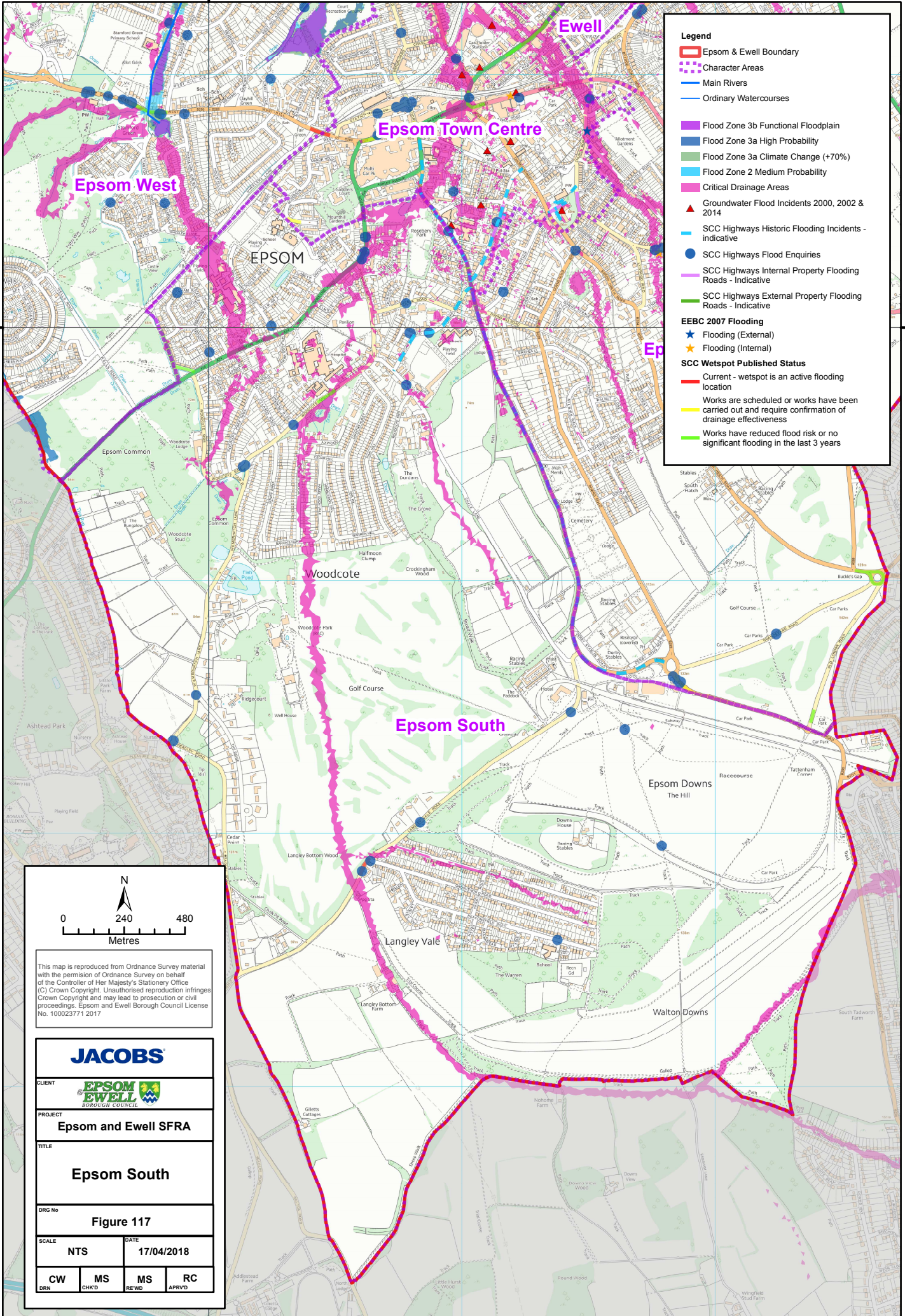
CLIENT  
 EPSOM & EWELL BOROUGH COUNCIL

PROJECT  
**Epsom and Ewell SFRA**

TITLE  
**Epsom East**

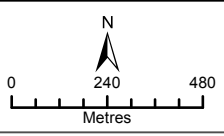
DRG No  
**Figure 116**

SCALE		DATE	
NTS	MS	17/04/2018	RC
CW	MS	MS	RC
DRN	CHKD	REWD	APRVD



**Legend**

- Epsom & Ewell Boundary
- Character Areas
- Main Rivers
- Ordinary Watercourses
- Flood Zone 3b Functional Floodplain
- Flood Zone 3a High Probability
- Flood Zone 3a Climate Change (+70%)
- Flood Zone 2 Medium Probability
- Critical Drainage Areas
- ▲ Groundwater Flood Incidents 2000, 2002 & 2014
- SCC Highways Historic Flooding Incidents - indicative
- SCC Highways Flood Enquiries
- SCC Highways Internal Property Flooding Roads - Indicative
- SCC Highways External Property Flooding Roads - Indicative
- ★ EEBC 2007 Flooding (External)
- ★ Flooding (Internal)
- SCC Wetspot Published Status
- Current - wetspot is an active flooding location
- Works are scheduled or works have been carried out and require confirmation of drainage effectiveness
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PROJECT  
**Epsom and Ewell SFRA**

TITLE  
**Epsom South**

DRG No  
**Figure 117**

SCALE NTS	DATE 17/04/2018
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CW	MS	MS	RC
DRN	CHK'D	REWD	APRVD