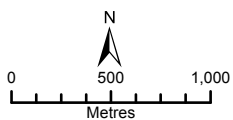
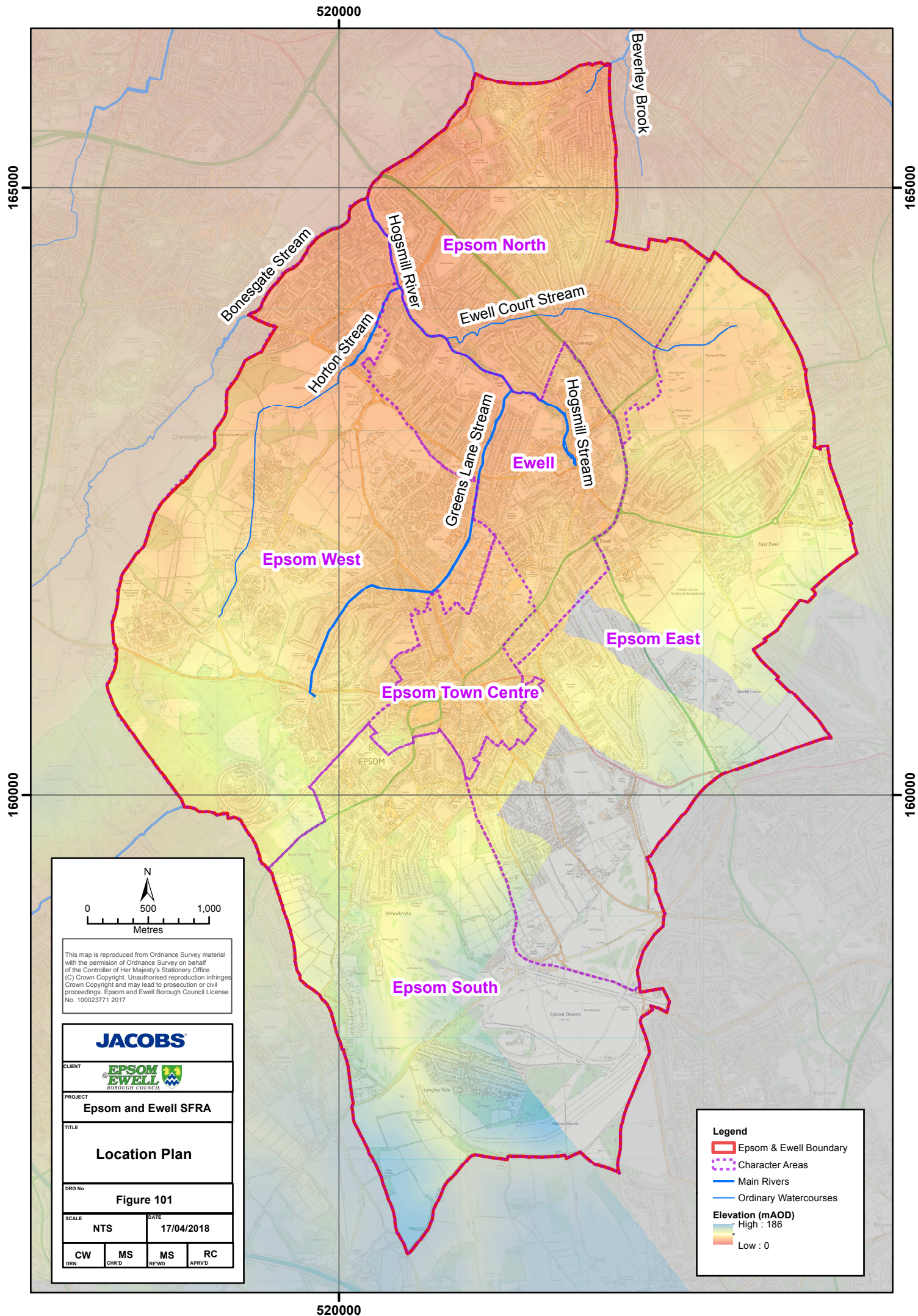


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EPSOM & EWELL BOROUGH COUNCIL

PROJECT
Epsom and Ewell SFRA

TITLE
Location Plan

DRG No
Figure 101

SCALE
NTS

DATE
17/04/2018

CW	MS	MS	RC
DRN	CHK'D	REWD	APRVD

Legend

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

Elevation (mAOD)

High : 186
Low : 0

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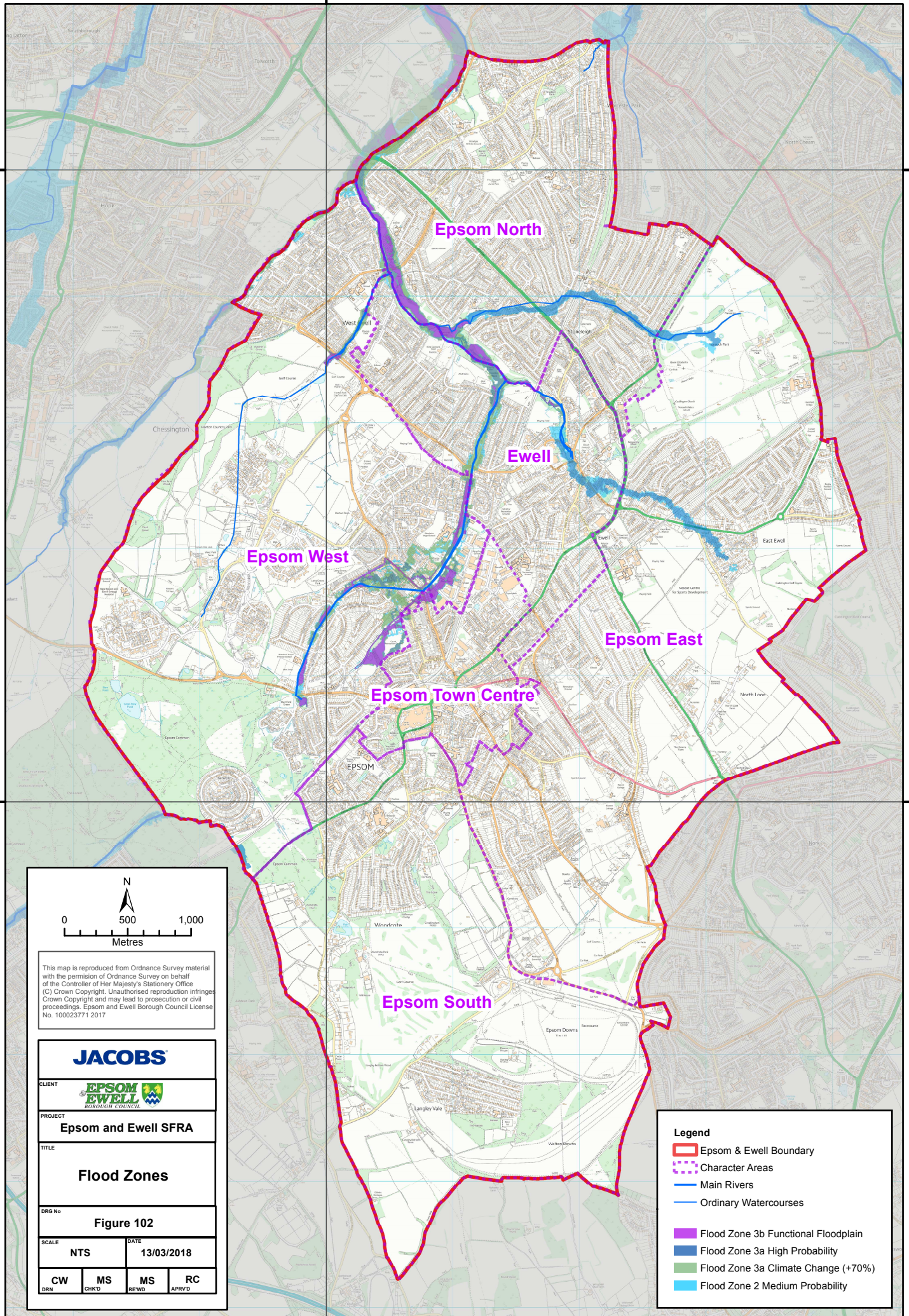
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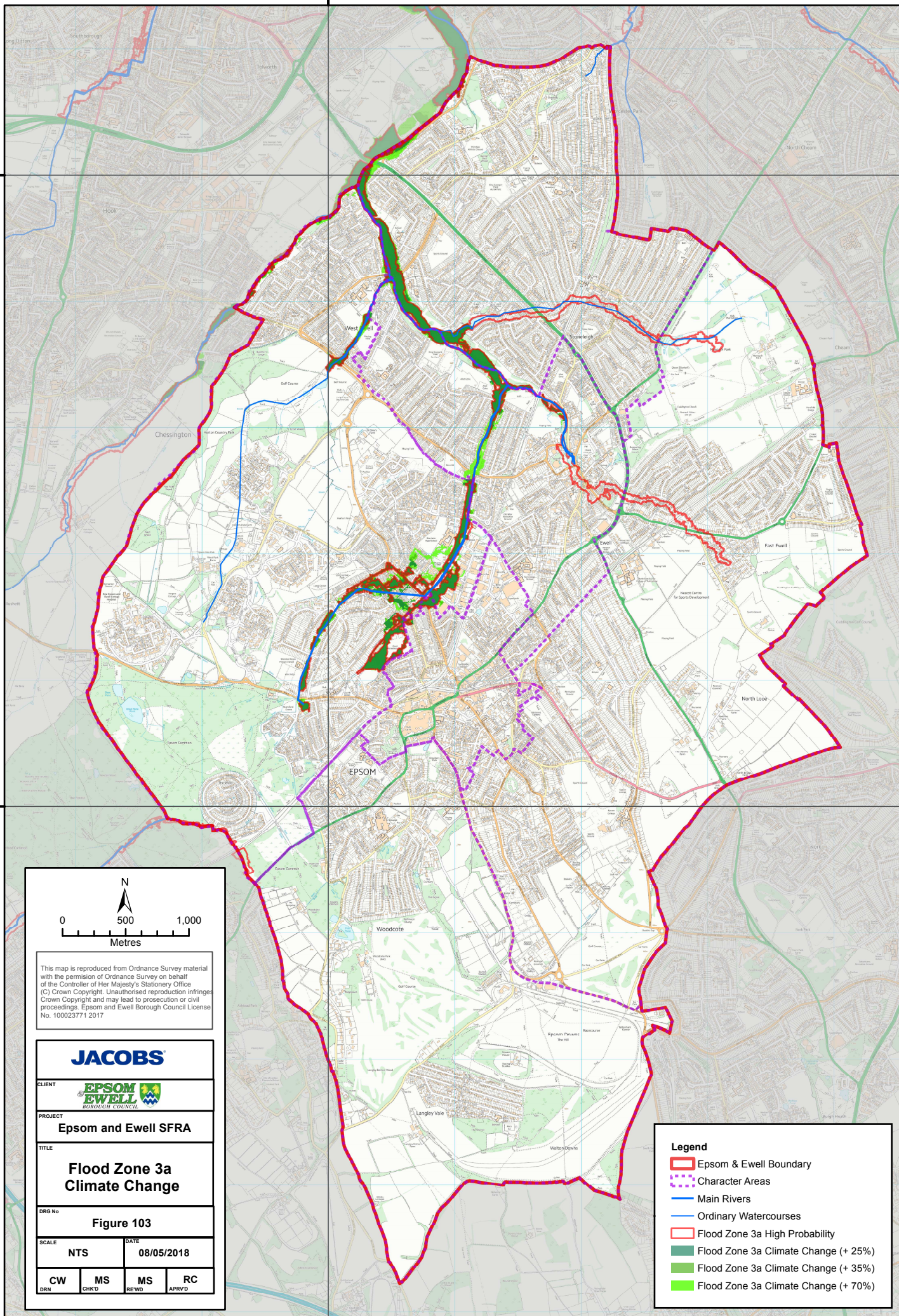
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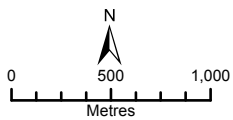
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EPSOM & EWELL BOROUGH COUNCIL

 PROJECT
Epsom and Ewell SFRA

 TITLE
Historic Flooding

 DRG No
Figure 104

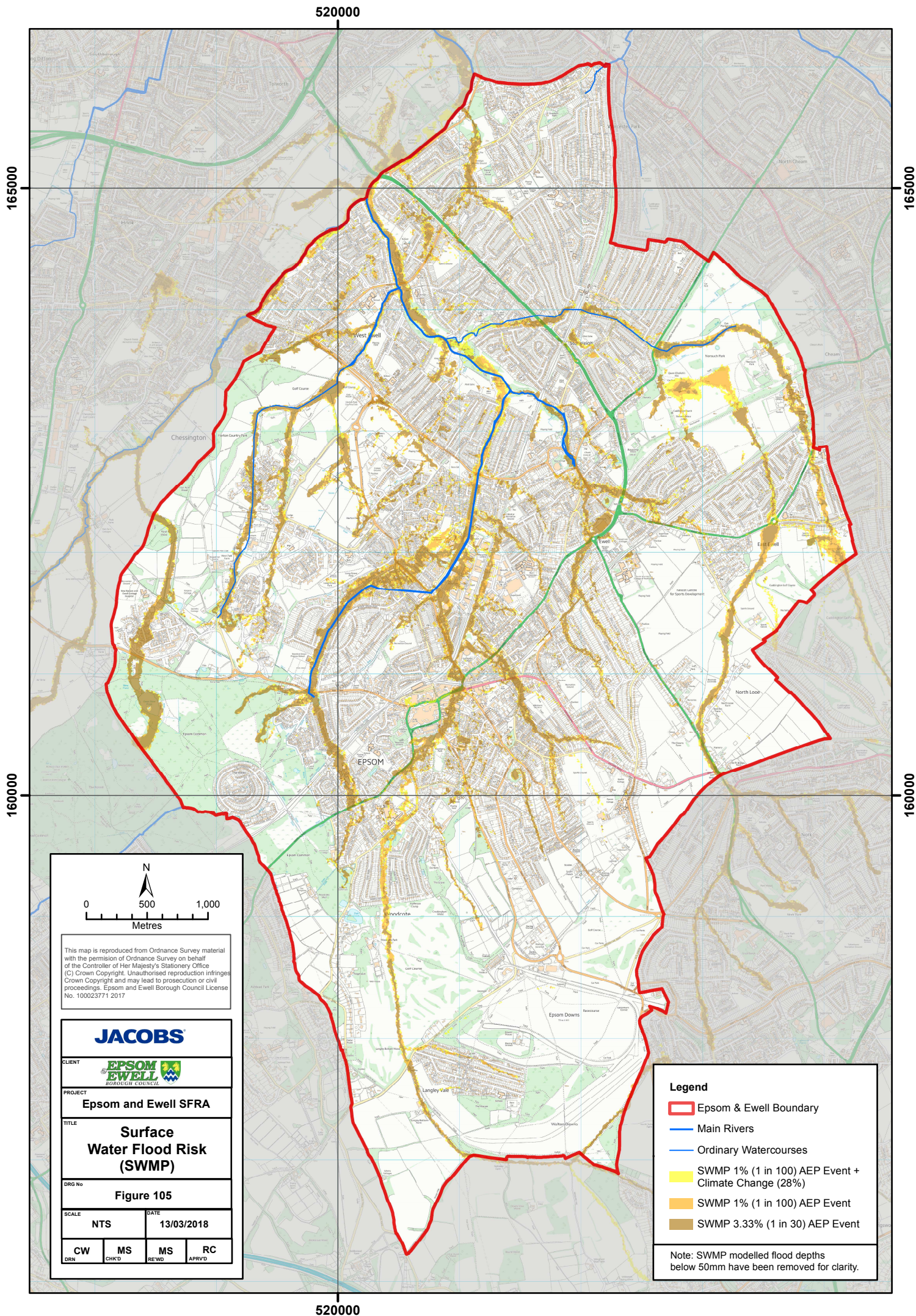
 SCALE
NTS

 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
- EEBC 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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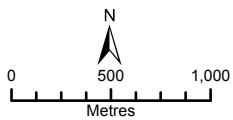
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EPSOM & EWELL BOROUGH COUNCIL

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	CHK'D	REV'D	APR'D

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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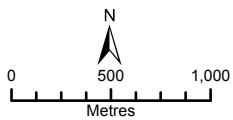
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CLIENT **EPSOM & EWELL BOROUGH COUNCIL**

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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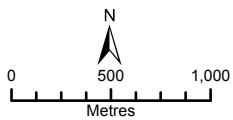
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CLIENT
EPSOM & EWELL BOROUGH COUNCIL

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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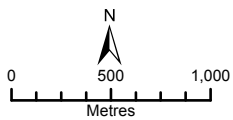
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CLIENT **EPSOM & EWELL BOROUGH COUNCIL**

PROJECT **Epsom and Ewell SFRA**

TITLE **Vulnerable Sites**

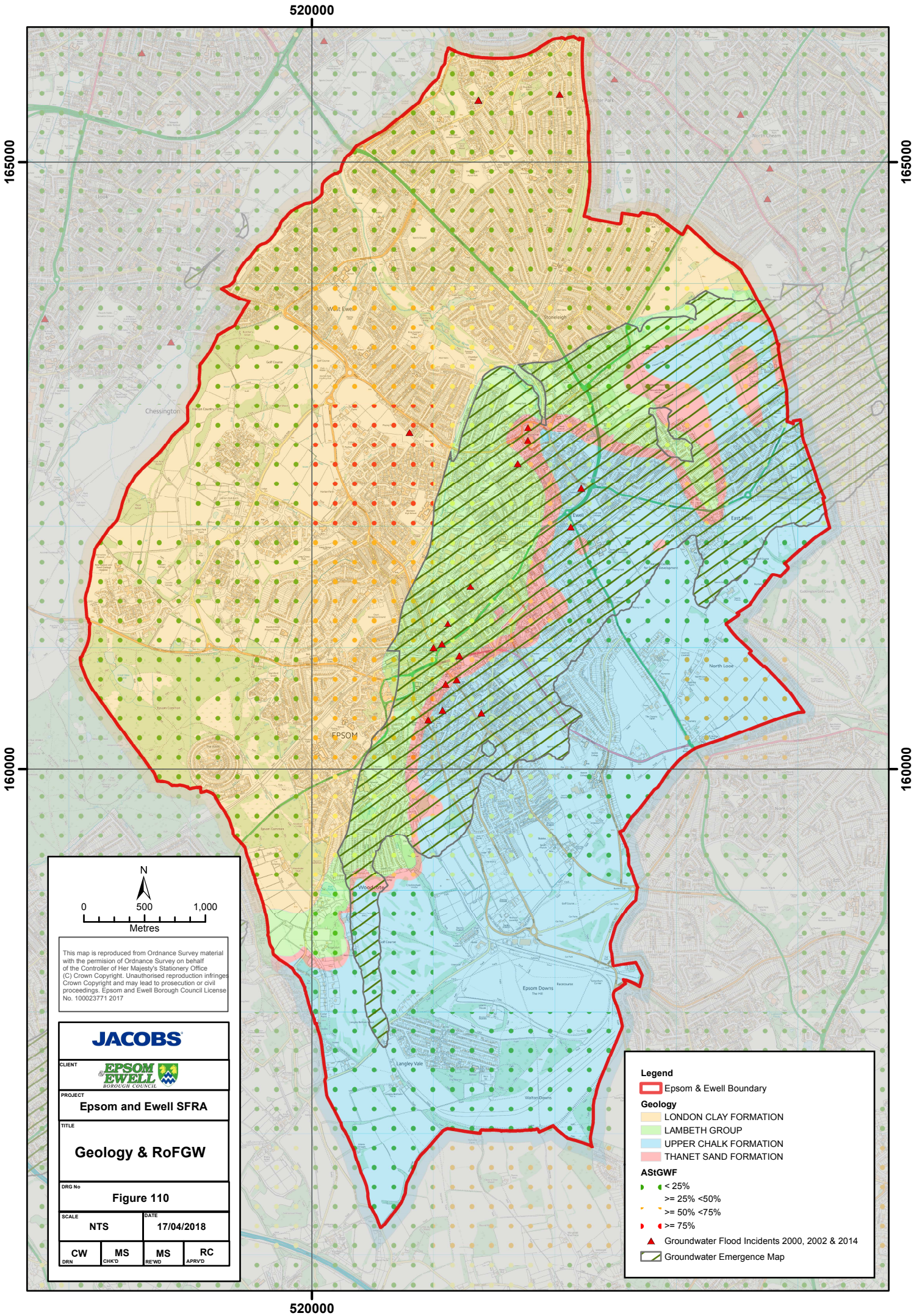
DRG No **Figure 109**

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

CW	MS	MS	RC
DRN	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
- H Hospitals
- ▲ Sheltered Housing
- + Emergency Services
- Schools
- Residential Education
- Communal Residence
- Residential Institution
- Care Homes



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CLIENT
EPSOM & EWELL BOROUGH COUNCIL

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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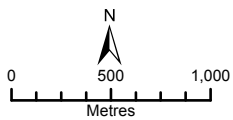
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CLIENT **EPSOM & EWELL BOROUGH COUNCIL**

PROJECT **Epsom and Ewell SFRA**

TITLE **Flood Warning and Flood Alert Areas**

DRG No **Figure 111**

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

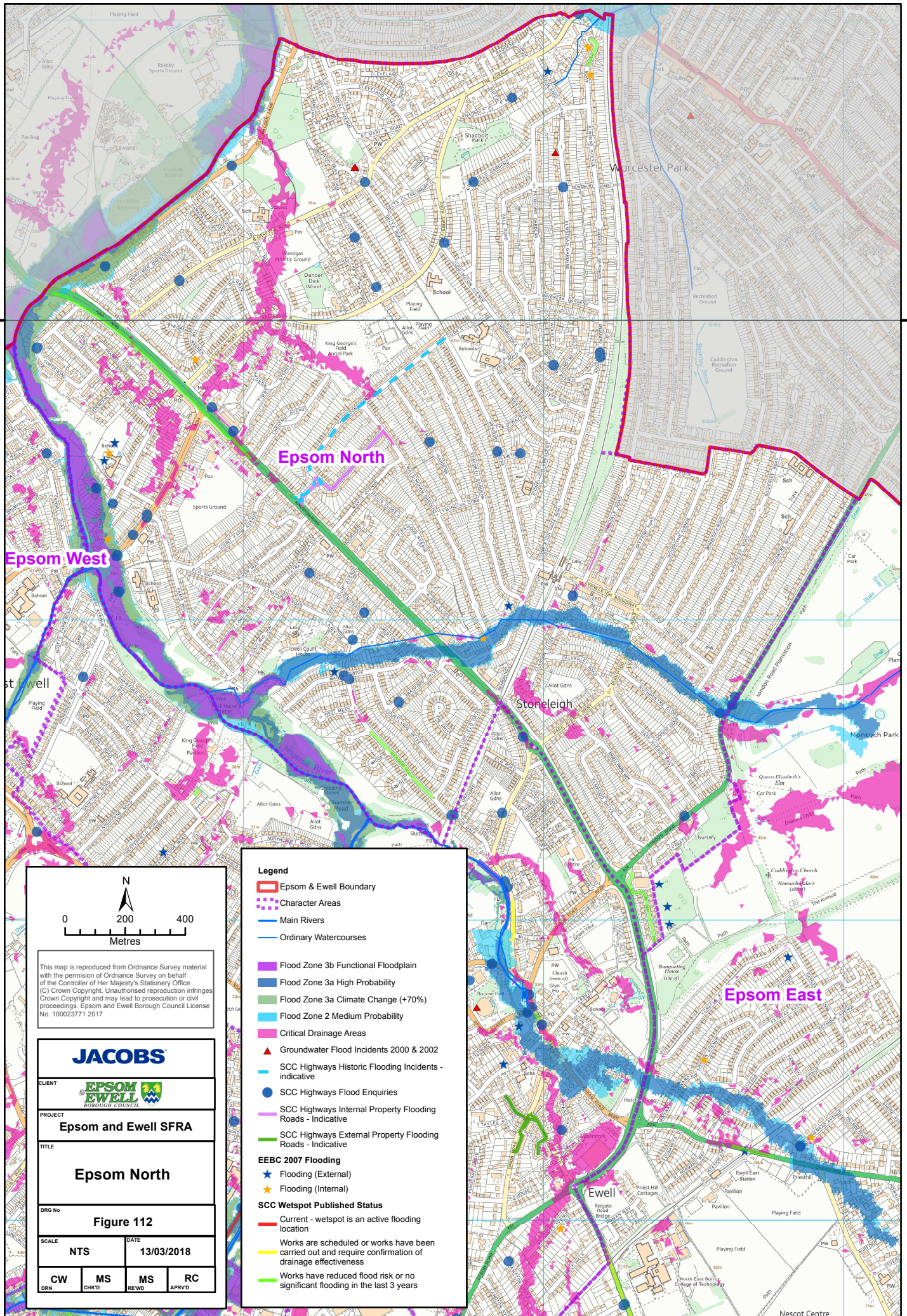
CW	MS	MS	RC
DRN	CHK'D	REWD	APRVD

Legend

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

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EPSOM & EWELL BOROUGH COUNCIL

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

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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

Epsom North

Westwell

Ewell

Epsom West

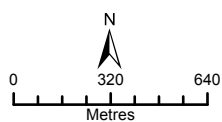
Epsom Town Centre

EPSOM

Epsom East

Epsom South

Woodcote



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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

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

Epsom West

Epsom North

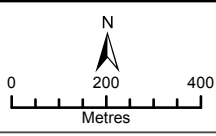
Stoneleigh

Ewell

Ewell

Epsom Town Centre

Epsom East

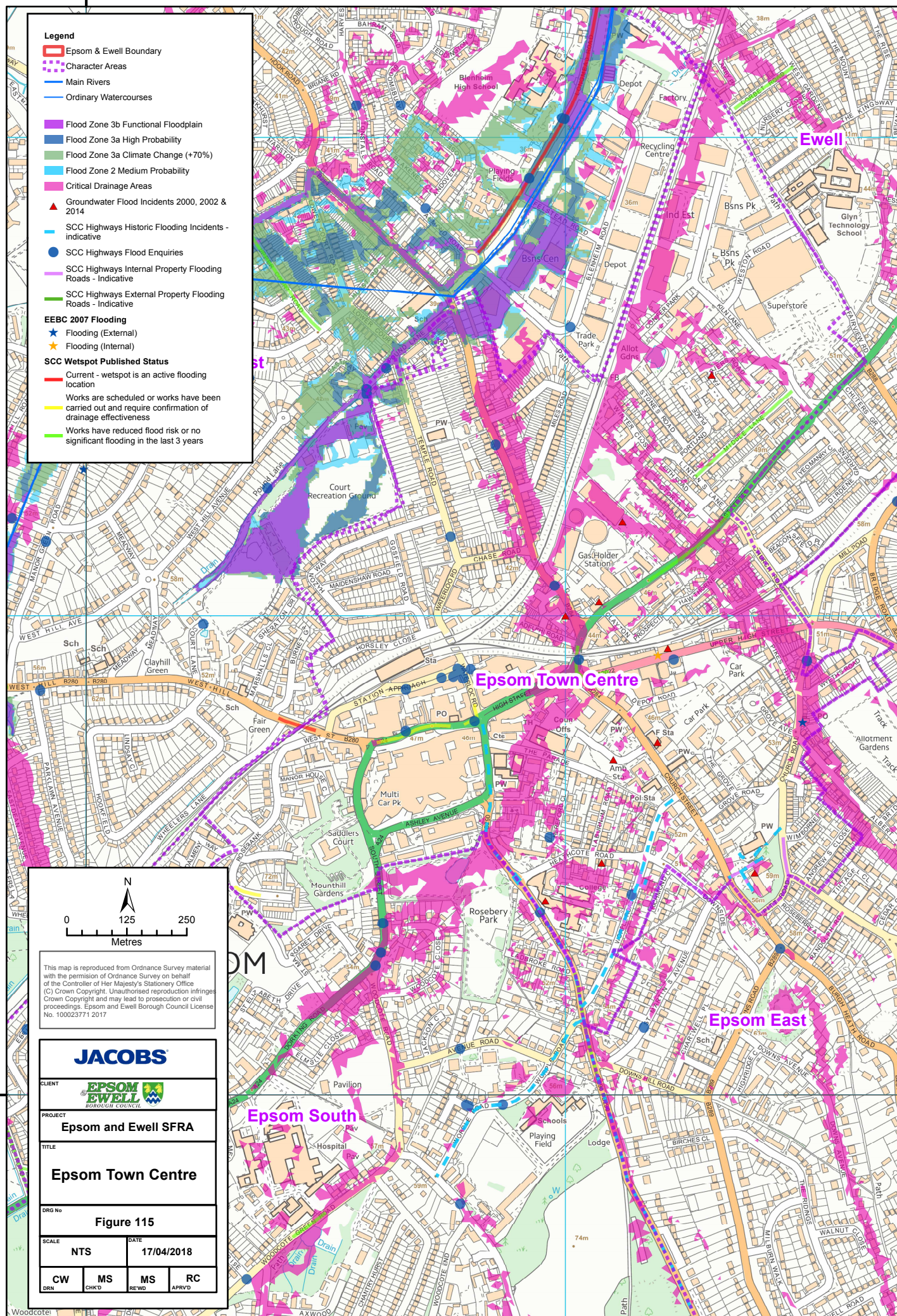


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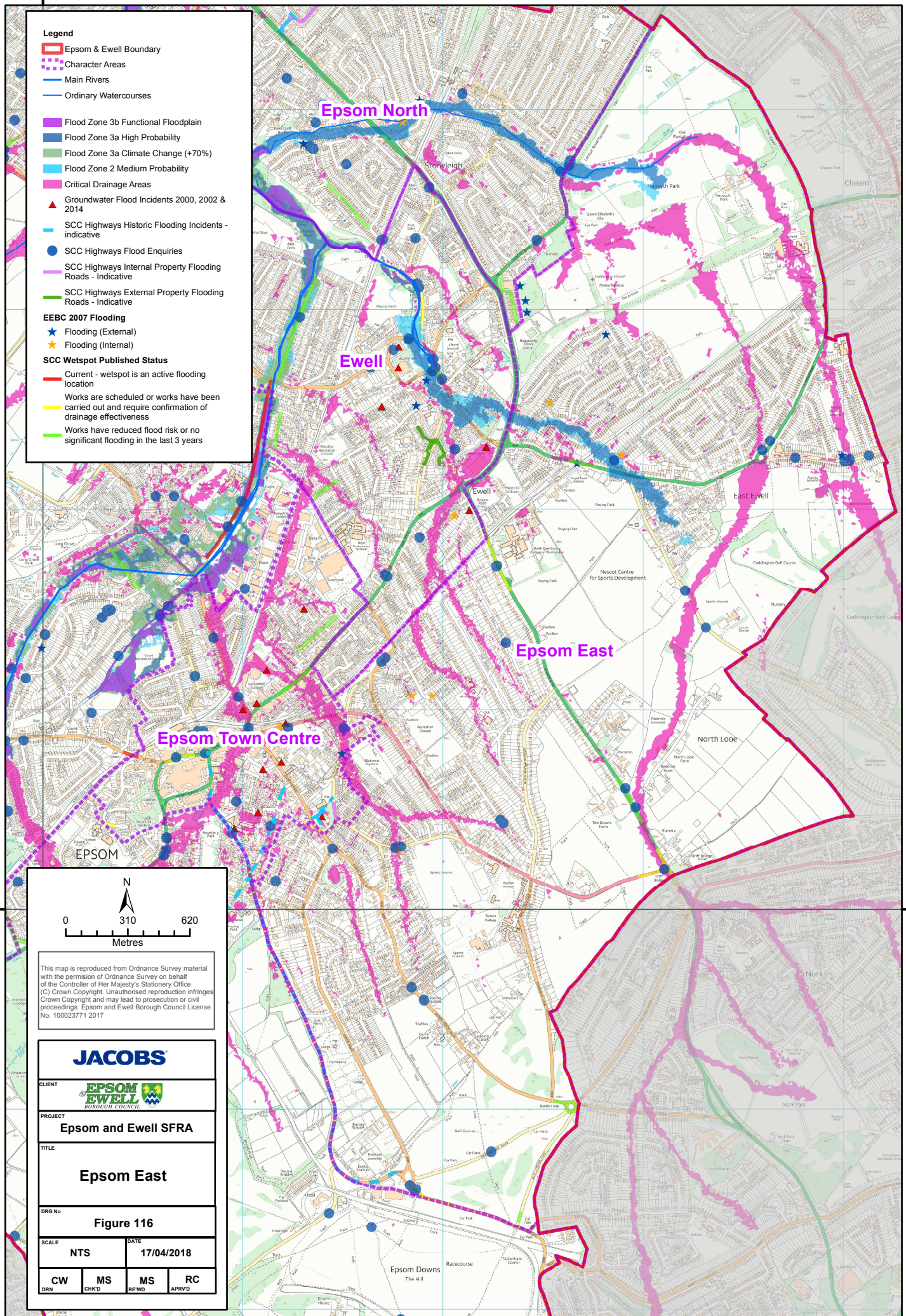
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CLIENT				
PROJECT	Epsom and Ewell SFRA			
TITLE	Ewell			
DRG No	Figure 114			
SCALE	NTS	DATE	17/04/2018	
CW	MS	WD	RC	
DRN	CHK'D	REV'D	APR'D	

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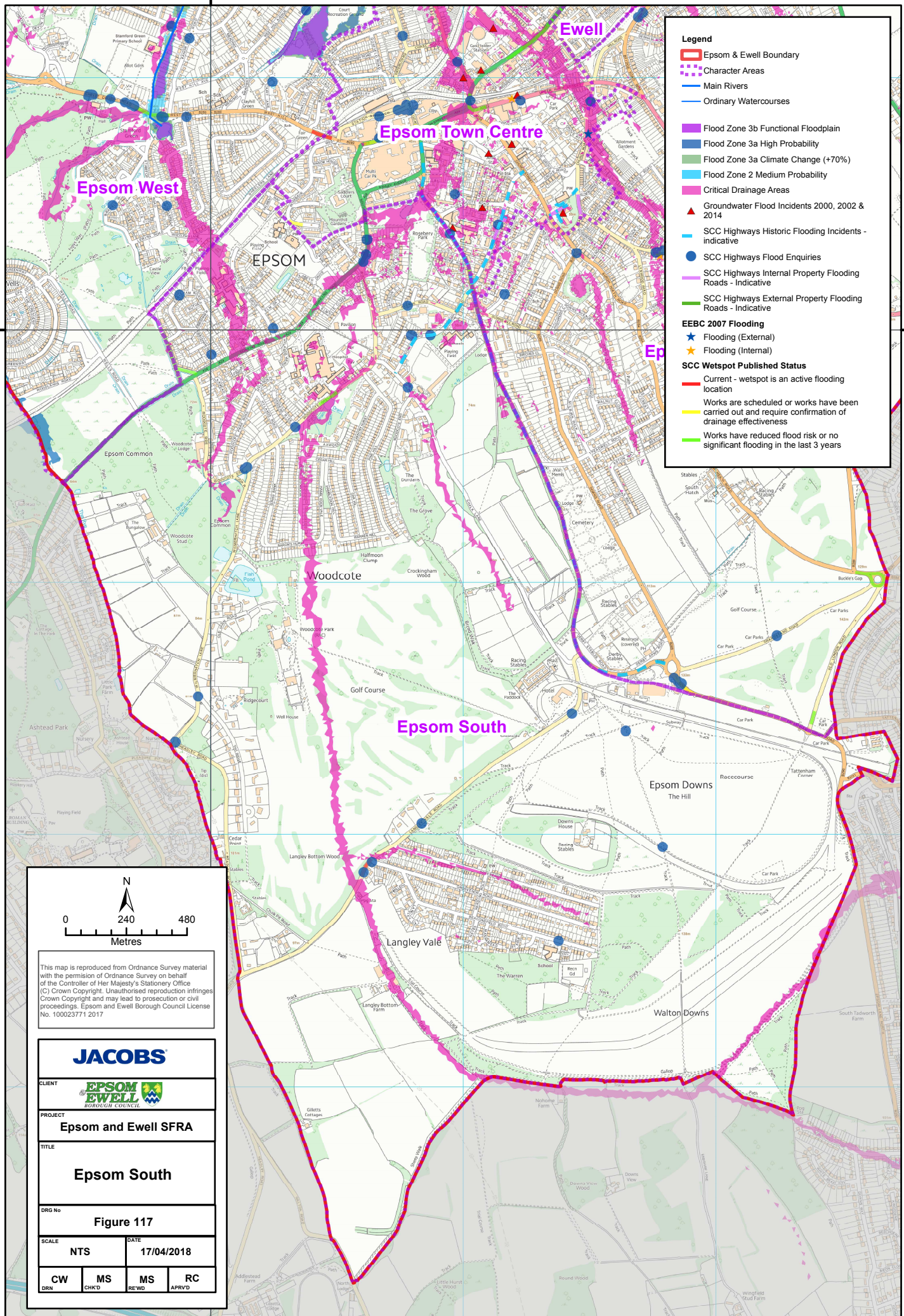
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