Appendix A

Flood Mapping

Introduction

This appendix has been prepared to support the City of London Strategic Flood Risk Assessment (SFRA) 2023. It includes the mapping produced for the SFRA.

The SFRA uses a number of modelling sources to produce these models including from the Environment Agency, and those produced by WSP for the previous versions of the SFRA. The majority of the mapping here was originally created for the SFRA 2017. The base modelling has not been updated for the current version of the SFRA and this mapping remains valid. Tow additional maps have been produced for inclusion here these show the outline of the City Flood Risk Area and the heritage assets within it.

As part of the recent update the mapping has also be made available online through the CityMaps portal.

Map type	Title	Reference
Study area	Study area	33014-COL-101-A
	Topography	33014-COL-102-A
	Borough boundary and neighbouring boundaries	33014-COL-103-A
	City Flood Risk Area	33014-COL-104-A
Flood map for planning	Flood Zone 2 extent	33014-COL-301-A
	Flood Zone 3 extent	33014-COL-302-A
	Historic flood map	33014-COL-303-A
Thames tidal breach modelling	Flood extent	33014-COL-305-A
	2005 MLWL flood depths	33014-COL-306-A
	2005 MLWL maximum velocity	33014-COL-307-A
	2005 MLWL flood hazard mapping	33014-COL-308-A
	2100 MLWL flood depths	33014-COL-309-A
	2100 MLWL maximum velocity	33014-COL-310-A
	2100 MLWL flood hazard mapping	33014-COL-311-A
Surface water	EA risk of flooding from surface water mapping	33014-COL-401-A
	Peak flood depth 1 in 5 annual probability	33014-COL-402-A
	Peak flood depth 1 in 30 annual probability	33014-COL-403-A
	Peak flood depth 1 in 100 annual probability	33014-COL-404-A
	Peak flood depth 1 in 100 annual probability + 40% climate change	33014-COL-405-A
Sewer locations	Sewer locations	33014-COL-601-A
	River Fleet and Walbrook catchments	33014-COL-602-A
	Farringdon Street sewer catchment area	33014-COL-603-A
	Paul's Walk sewer catchment area	33014-COL-604-A
Groundwater	Increased potential for elevated groundwater	33014-COL-501-A
Properties at risk of flooding	Flood zone 2	33014-COL-801-A
	Flood zone 3	33014-COL-802-A
	Groundwater	33014-COL-803-A
	1 in 30 annual probability surface water	33014-COL-804-A
	1 in 100 annual probability surface water	33014-COL-805-A
	Tidal breach 2005	33014-COL-806-A
	Tidal breach 2100	33014-COL-807-A
	Heritage assets within the City Flood Risk Area	33014-COL-809-A

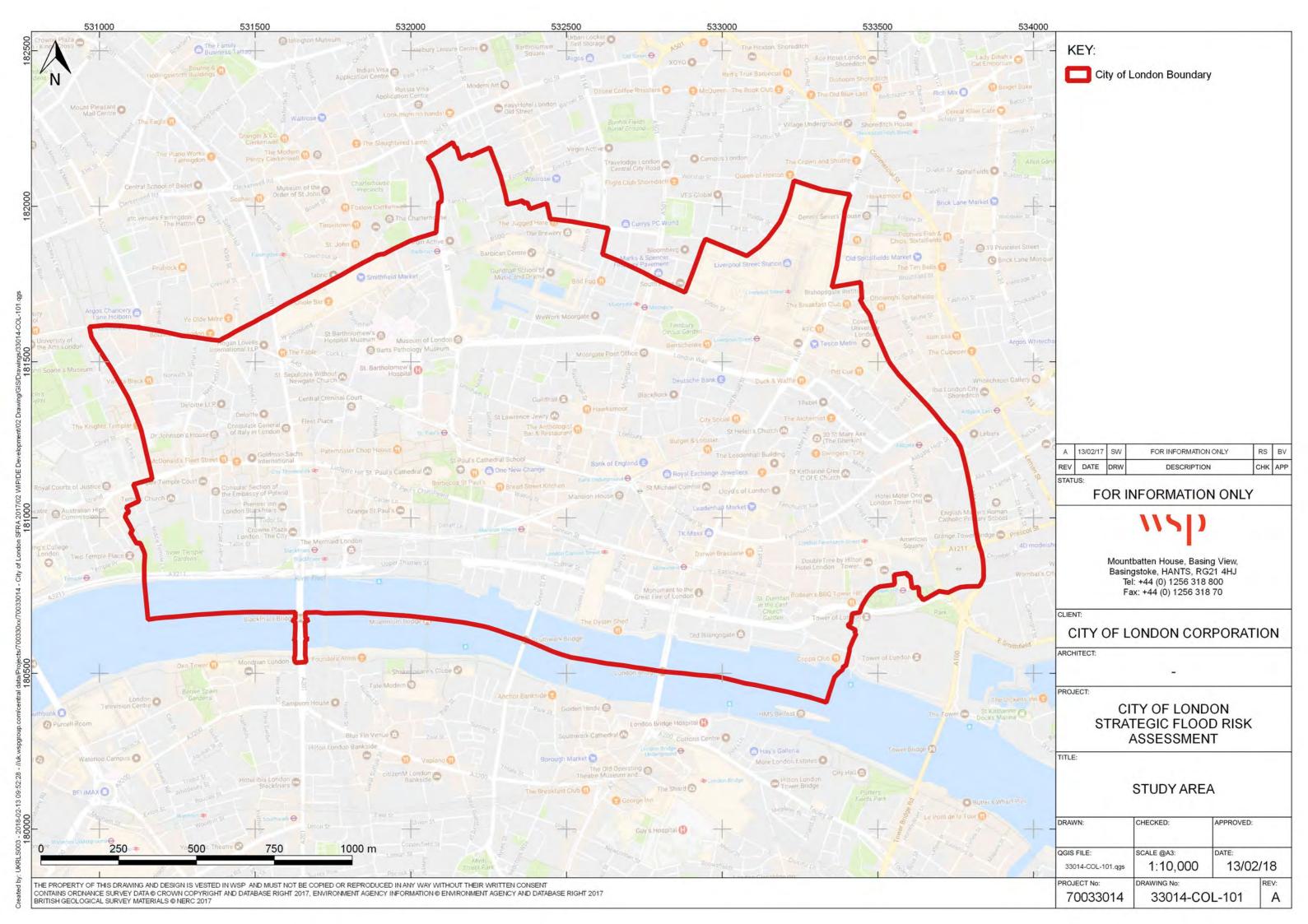
Study area

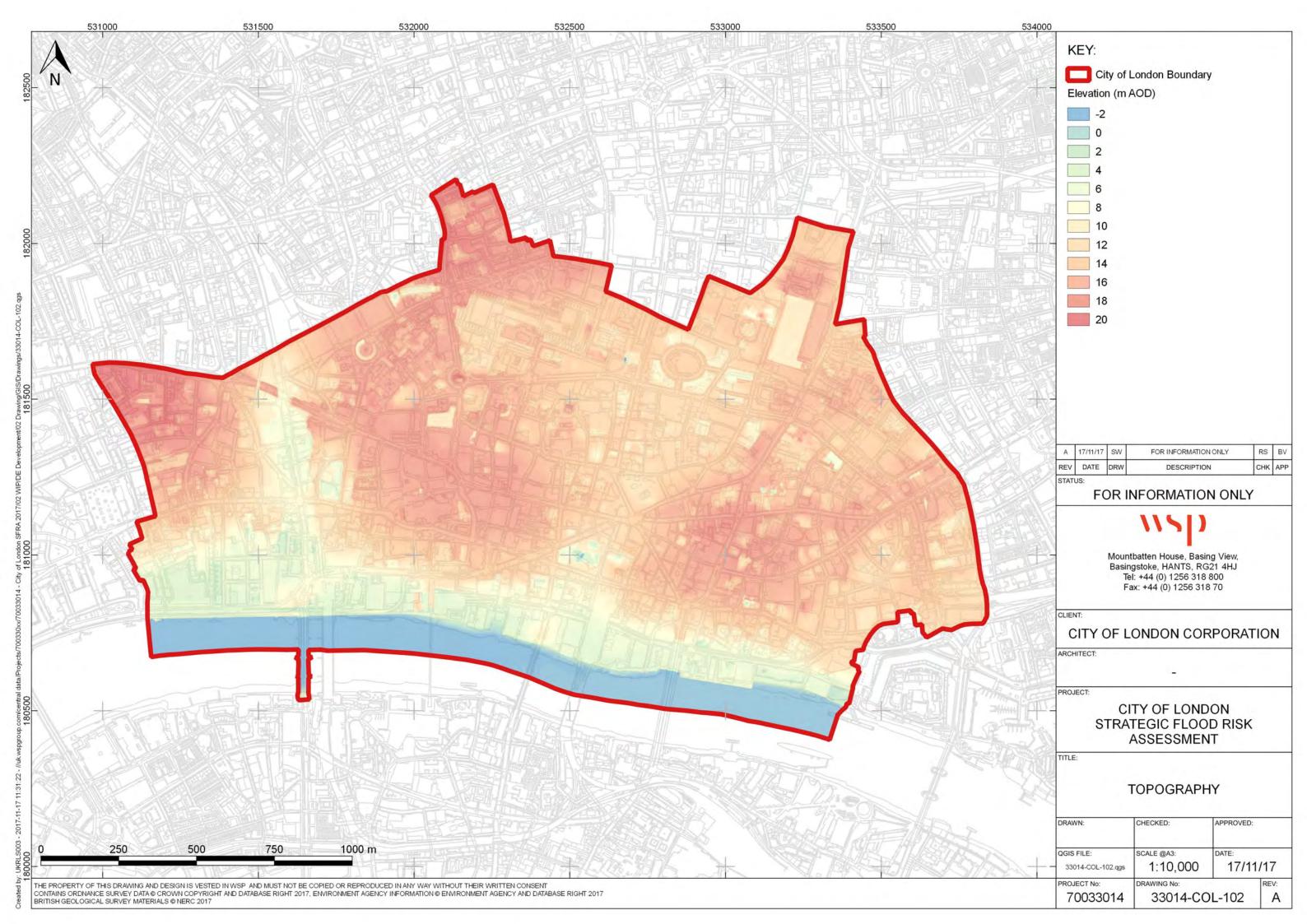
Study area

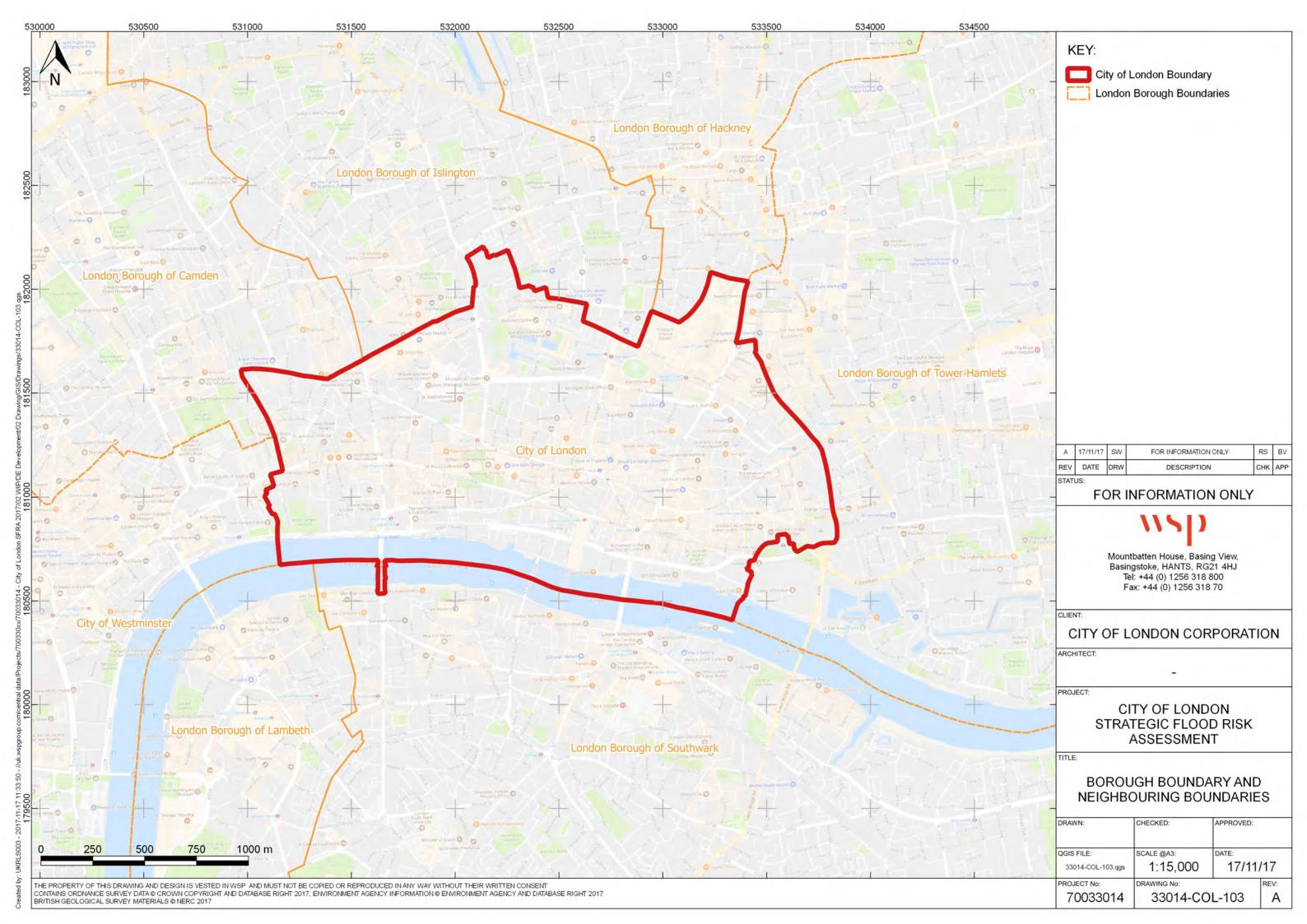
Topography

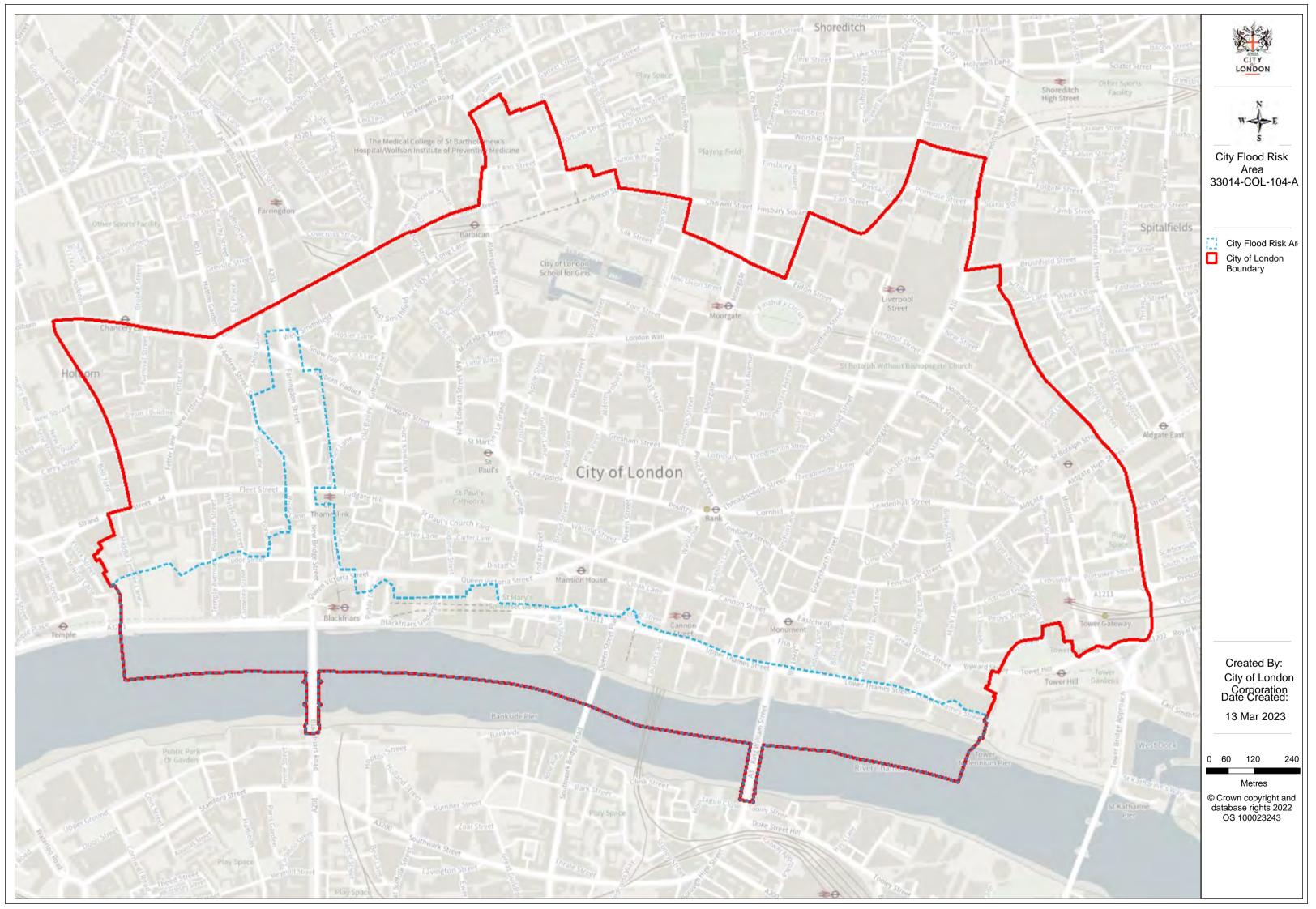
Borough boundary and neighbouring boundaries

City Flood Risk Area







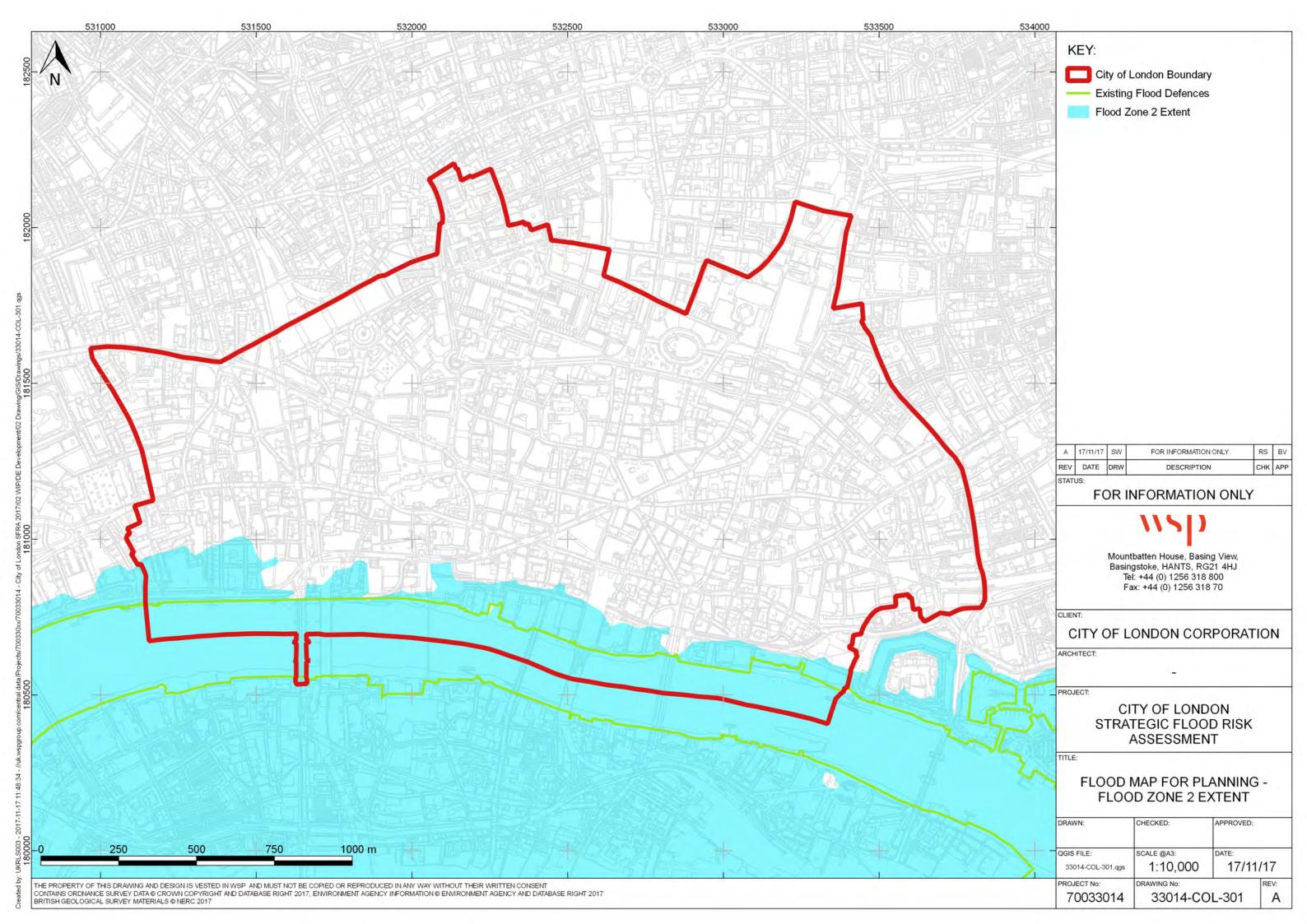


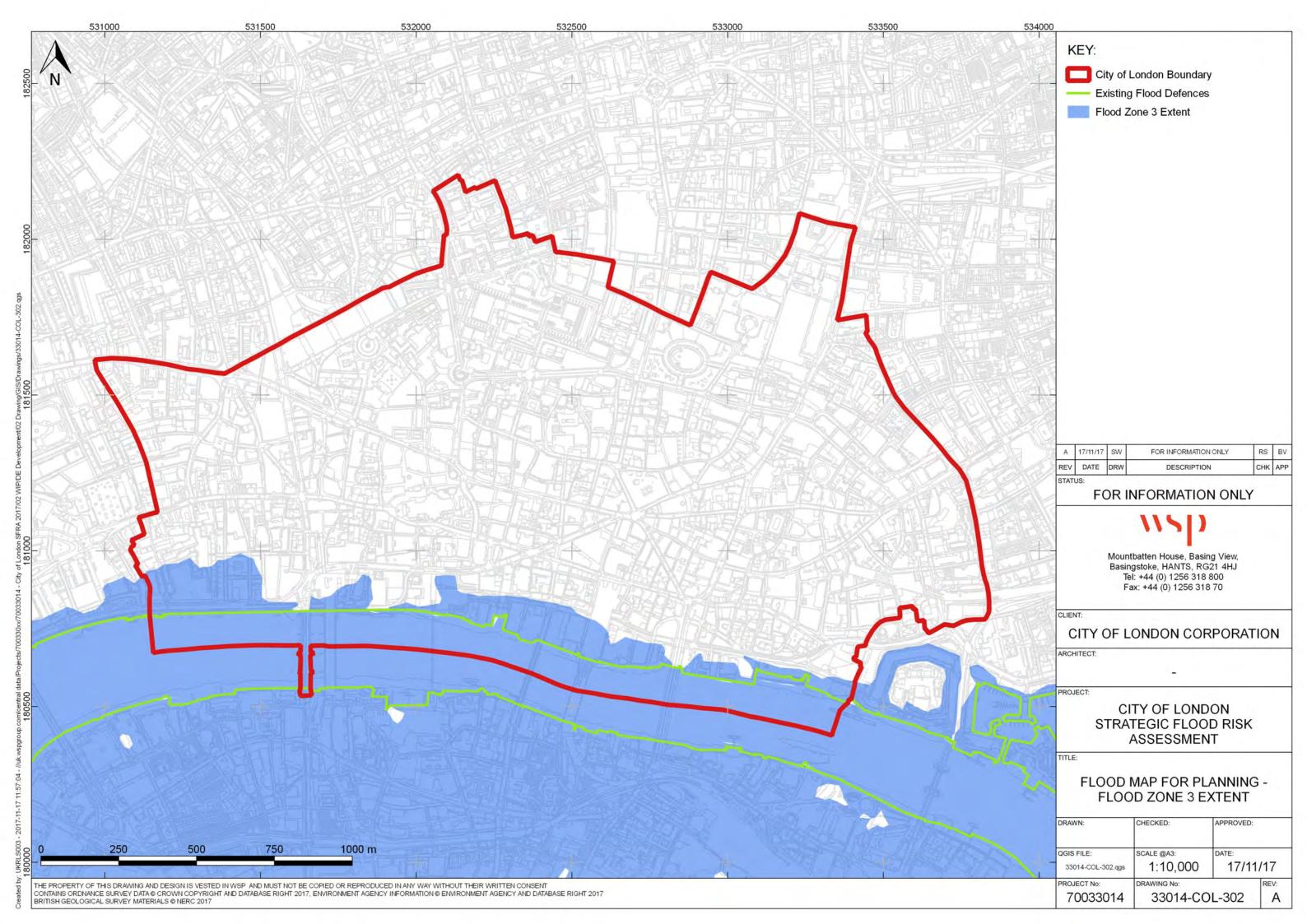
Flood Map for planning

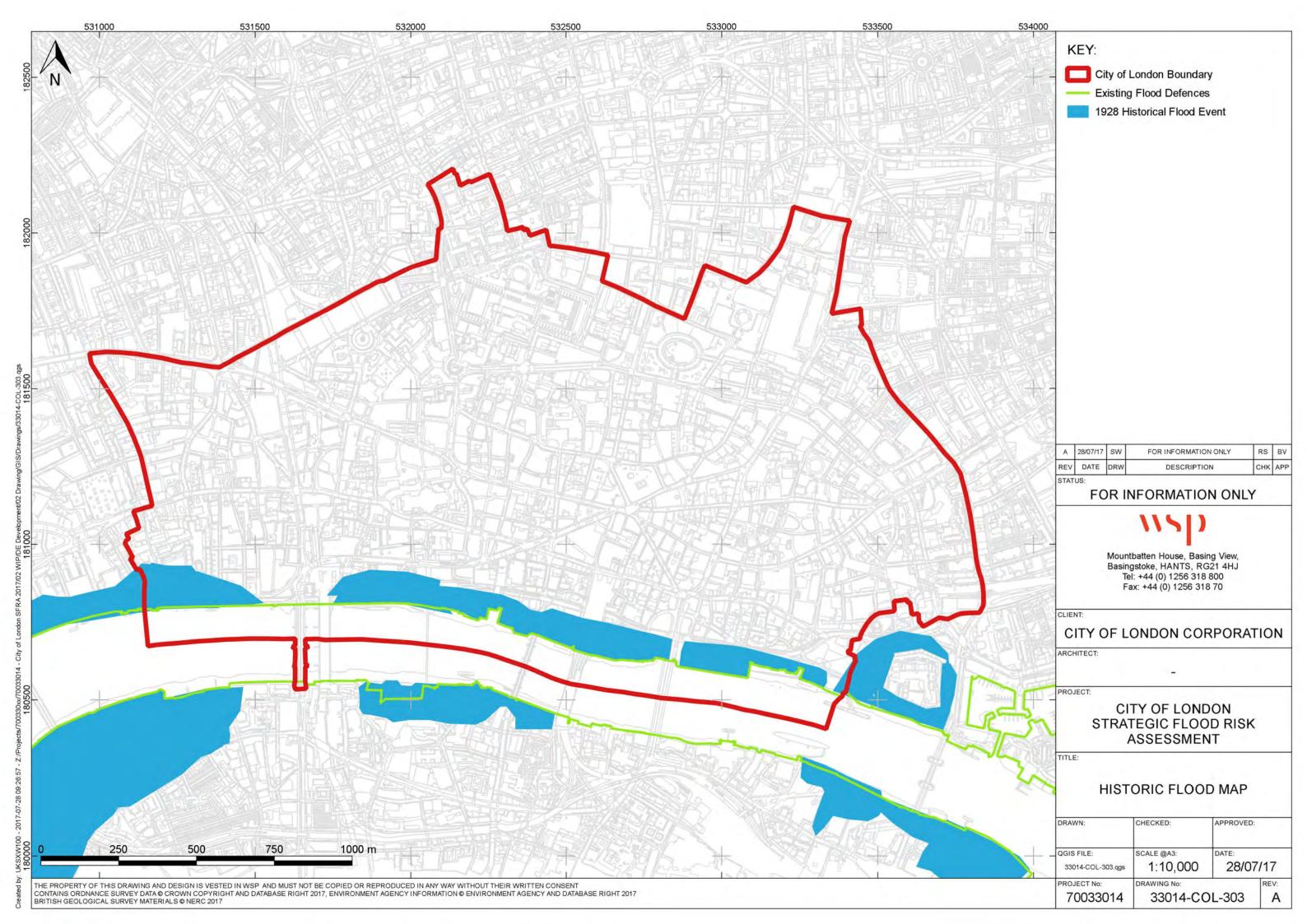
Flood Zone 2 extent

Flood Zone 2 extent

Historic flood map







Thames tidal breach modelling

Flood extent

2005 MLWL flood depths

2005 MLWL maximum velocity

2005 MLWL flood hazard mapping

2100 MLWL flood depths

2100 MLWL maximum velocity

2100 MLWL flood hazard mapping

