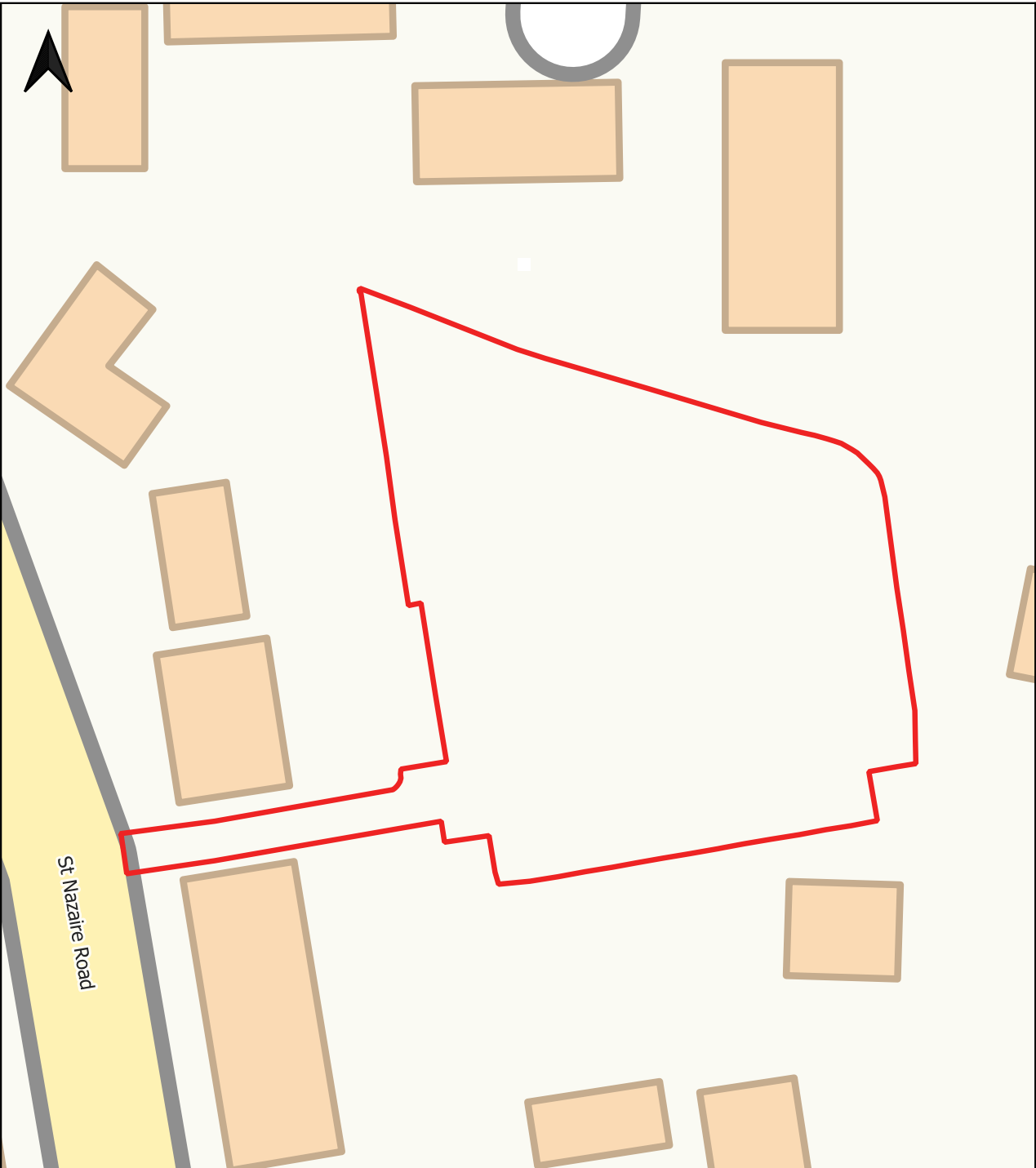
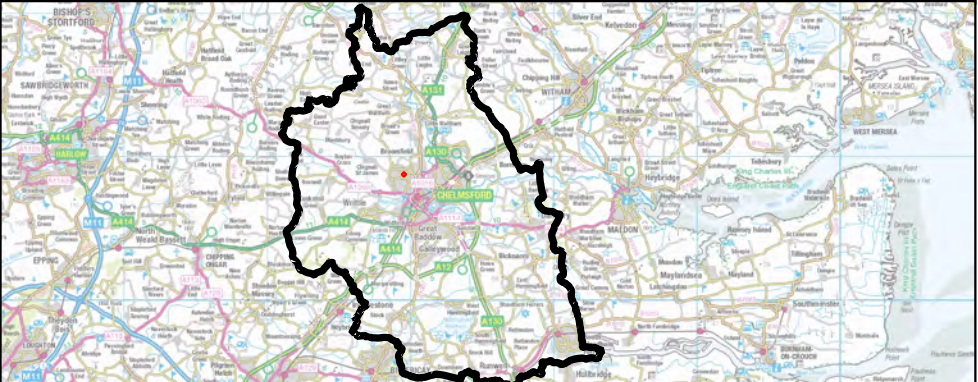




APPENDIX A - LEVEL 2 GEOPDF MAPPING

CHELMSFORD CITY COUNCIL
LEVEL 2 STRATEGIC FLOOD RISK ASSESSMENT



Sites

- GS1r
- Chelmsford District
- Main rivers
- All watercourses

RoFSW extent

- Baseline**
- High risk event
 - Medium risk event
 - Low risk event
- Climate change**
- High risk event
 - Medium risk event
 - Low risk event

RoFSW depth

- Baseline**
- 0.2 m
 - 0.3 m
 - 0.6 m
 - 0.9 m
 - 1.2 m
- Climate change**
- 0.2 m
 - 0.3 m
 - 0.6 m
 - 0.9 m
 - 1.2 m
- High risk event
 - Medium risk event
 - Low risk event
 - Very low risk event

RoFSW velocity

- Baseline**
- 0.25 m/s
 - 0.5 m/s
 - 1.0 m/s
 - 2.0 m/s
- Climate change**
- 0.25 m/s
 - 0.5 m/s
 - 1.0 m/s
 - 2.0 m/s
- High risk event
 - Medium risk event
 - Low risk event
 - Very low risk event

RoFSW hazard rating

- Baseline**
- 0.25 (very low hazard)
 - 0.5 (very low hazard)
 - 0.75 (danger for some)
 - 1.25 (danger for most)
 - 2.0 (danger for all)
- Climate change**
- 0.25 (very low hazard)
 - 0.5 (very low hazard)
 - 0.75 (danger for some)
 - 1.25 (danger for most)
 - 2.0 (danger for all)
- High risk event
 - Medium risk event
 - Low risk event
 - Very low risk event

Reservoir flood extents

- Dry day extent
- Wet day extent

JBA GW emergence map (5m resolution)

- Groundwater levels are either at or very near (within 0.025m of) the ground surface.
- Groundwater levels are between 0.025m and 0.5m below the ground surface.
- Groundwater levels are between 0.5m and 5m below the ground surface.
- Groundwater levels are at least 5m below the ground surface.
- No risk.

Historic flooding

- Historic Flood Map

FWA/FAA

- Flood Alert Areas
- Flood Warning Areas

Note: All layers are turned off by default. Click the box next to the layer of interest to turn on.

