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**Application:  
Detached *non-commercial* Store  
Land R/O 151-157 Rectory Grove  
Hampton TW12 1EQ**

**FLOOD MITIGATION (FRA)**

The proposal is a small-scale development site of a single-store on part of the private-land lying to the R/O residential dwellings 151-157 Rectory Grove Hampton TW12 1EQ and shown by Block/Location plan number 2251/01C.

Access to the site is via an adopted highway Rectory Grove *off* Hanworth Road - The proposal would not result in flooding at this location or the surrounding area.

**Surface water** (Pluvial) flooding is considered low-risk but such management could be better provided via the application when comparing to the existing hard-surfaced site run-off if replacing same with the installation of 29.95M<sup>2</sup> porous-surfacing. This will improve surface water drainage along with a water butt proposed to store water on-site which will also reduce flood risk on and off the application site. The water butt forms part of the application.

The proposal is within Flood **Zone 1** where it is not at a risk of flooding (Fluvial) by rivers and the sea and, the subject site can be considered by a low-probability of flooding. Developments within this Zone do not have restrictions provided they do not increase a risk of flooding in other developments elsewhere.

Flooding from **Reservoirs** is an unlikely risk in this area

Flooding by solely **Groundwater** is considered unlikely in this area although the single solar panel-fed EV recharging point is to be installed 'above flood-level' at high-level; Furthermore, adjustment of external floor levels may be designed specifically to ensure surface water be directed 'away' from the door threshold/s.

03rd December 2024