FLOOD RISK ASSESSMENT

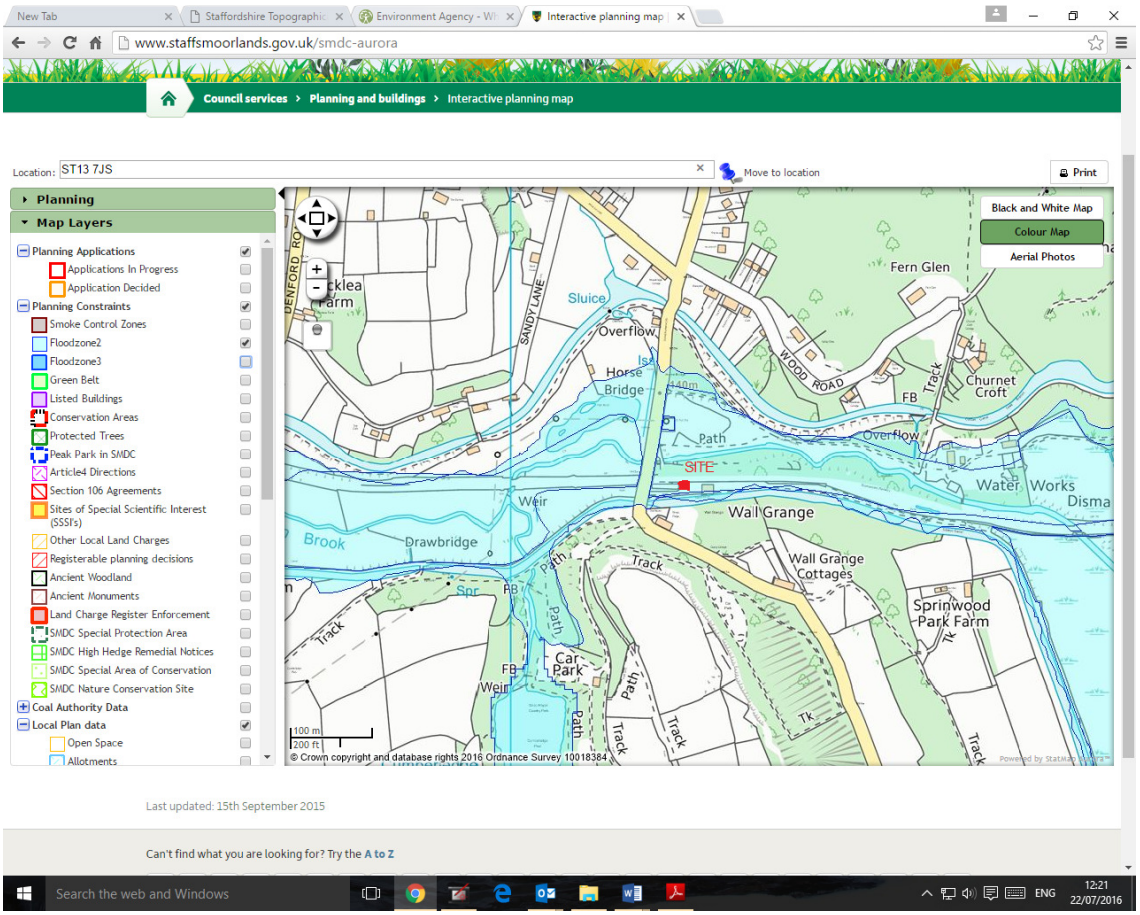
PROPOSED REPLACEMENT GARAGE

STATION HOUSE, PARK LANE, CHEDDLETON,

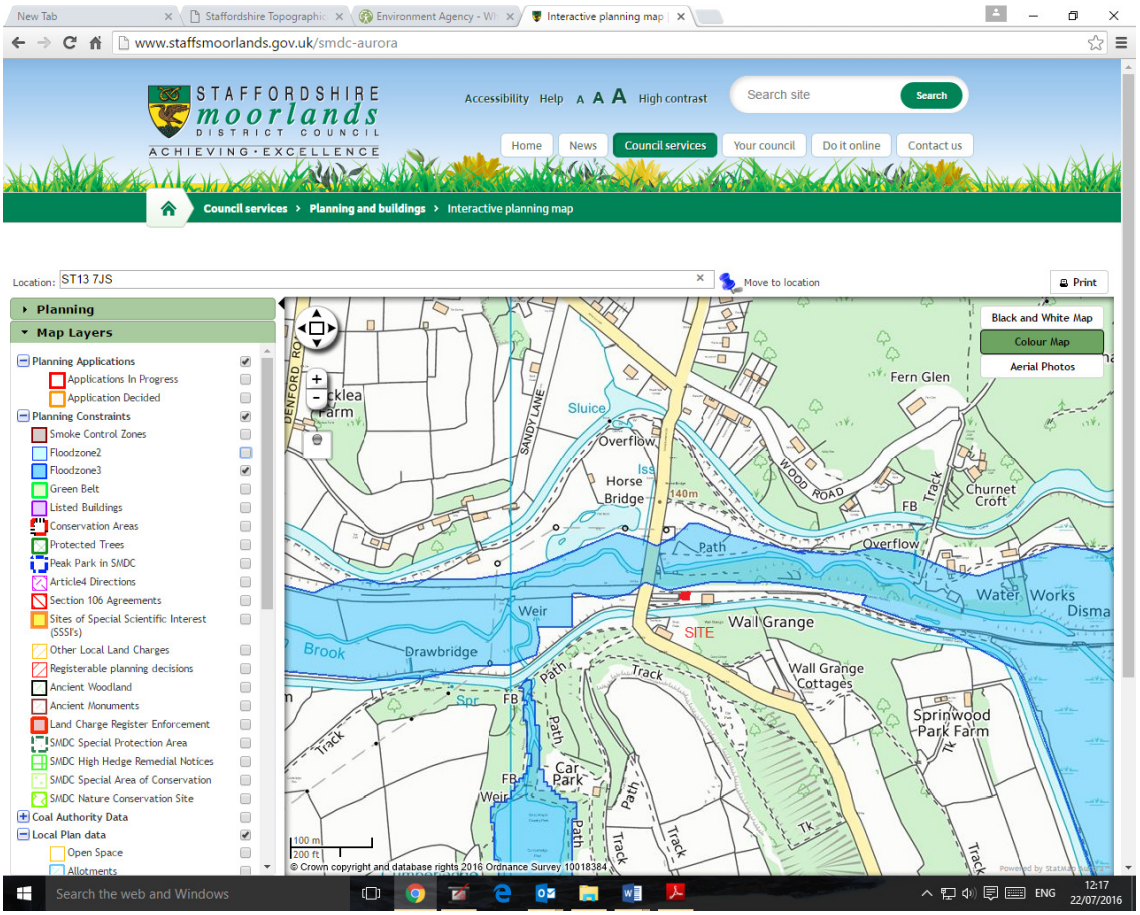
STAFFORDSHIRE, ST13 7JS

Flood Level

The site is within Flood Zone 2 as indicated on the map below.



But outside of Flood Zone 3 as indicated on the map below.



Proposal

The application is to Replace the existing garage, floor area of 32.0m² with a slightly larger garage of floor area 41.0m² with an additional covered area for the storage of logs.

The site levels will remain the same, and the floor level of the garage will be no lower than the existing.

The garage will be designed so as not to resist the entry of water and be of resilient design.

A general principle for flood resilient design is to provide durable materials that will not be affected by water and use construction methods and materials that promote easy draining and drying.

Standard methods and good quality building materials will generally comply with these requirements but good workmanship is essential.

Conclusion

The proposal being only 9.0m² larger than the structure it replaces, along with its resilient design should ensure that the design has little impact on flooding.