

March 2026

## STRUCTURAL STATEMENT

### PLANNING APPLICATION TO LONDON BOROUGH OF HARINGEY

#### 9 SHELDON AVENUE, LONDON N6 4JS

Michael Alexander Limited has been appointed by Mr & Mrs R Patel to advise on the structural requirements for the proposed extensions to the property.

We have considerable experience in the design of projects of this nature, particularly in the vicinity of the site in Sheldon Avenue and neighbouring, Compton Avenue, Courtenay Avenue, Bishops Avenue and Winnington Road; we have recently completed the design of the replacement house on the adjacent property at No.11 Sheldon Avenue, which is currently under construction.

The existing property and the proposed works are shown on Christopher Tredway Architects' drawings and are described in Michael Burroughs Associates' *"Planning, Design, Access & Significance Appraisal"*.

The proposals include the construction of rear and side extensions to the existing building, including a ground floor swimming pool, which shall be 2.4m deep and be surrounded by an undercroft for pool plant.

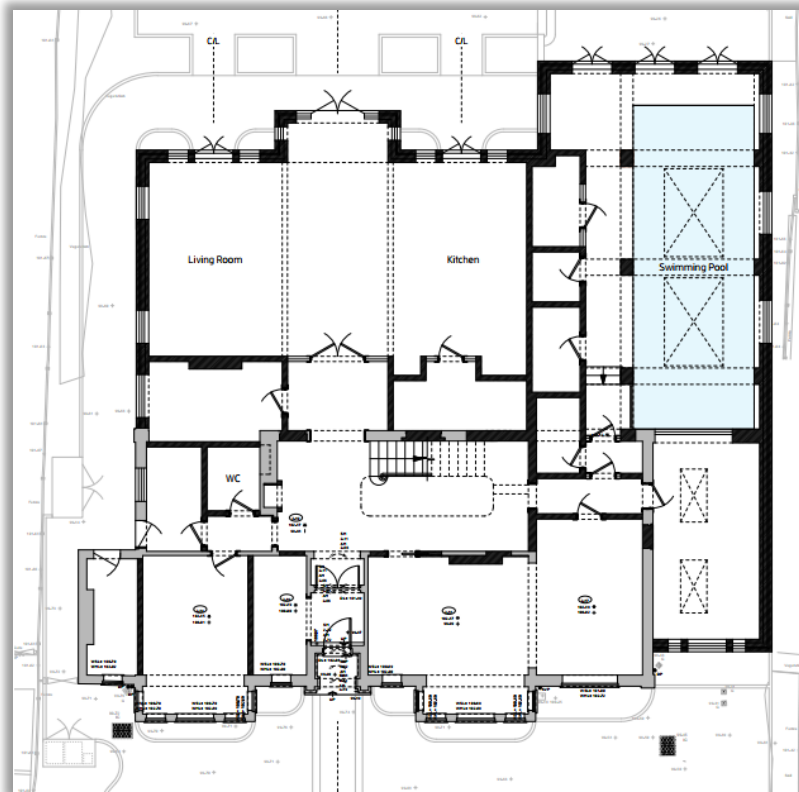
The ground conditions in the vicinity of the property are known to comprise a shallow layer of Made Ground overlying the Claygate Member to depth (>25m); the Claygate Member is a firm silty clay, becoming very stiff with depth; during the construction of No.11 ground water was not encountered.

The Claygate is naturally occurring and non-hazardous cohesive material with a *"high volume change potential"* in accordance with the *NHBS standard Chapter 4.2 "Building Near Trees"*.

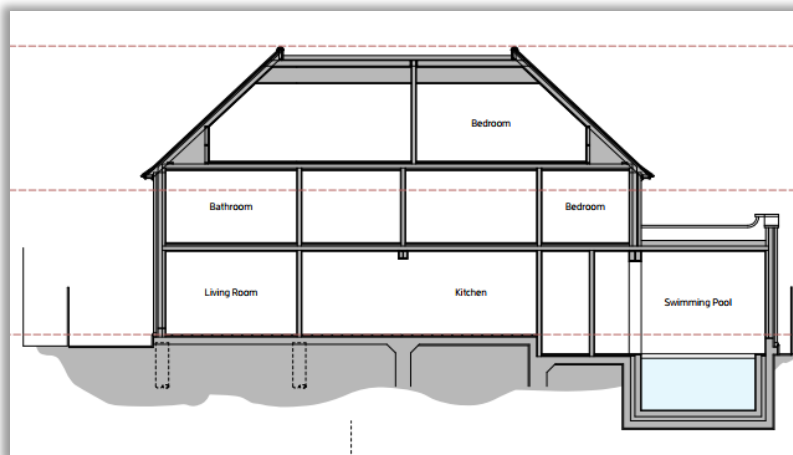
#### Directors

**John McSweeney**  
BSc(Hons) CEng MICE MStructE

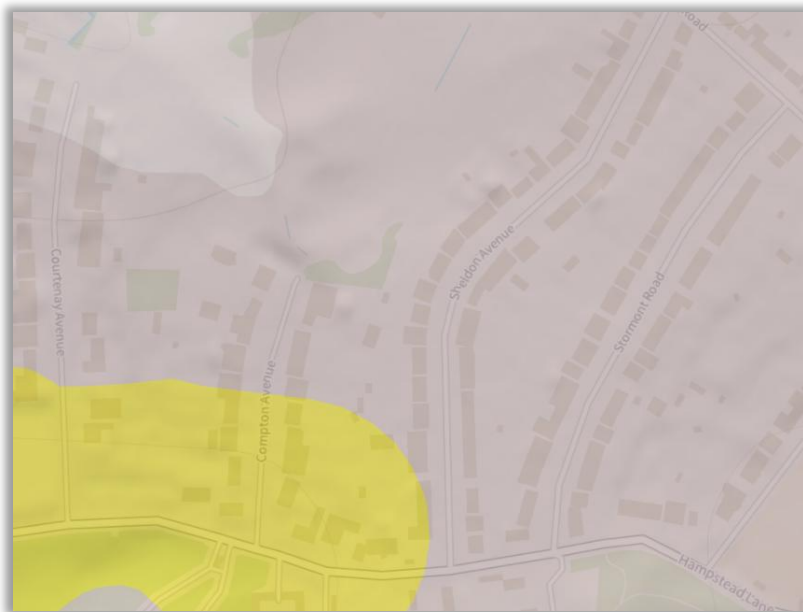
**Isaac J D Hudson**  
MEng MA(Cantab) CEng MStructE



Extract from Christopher Tredway Architects drawing no. 145/AP09

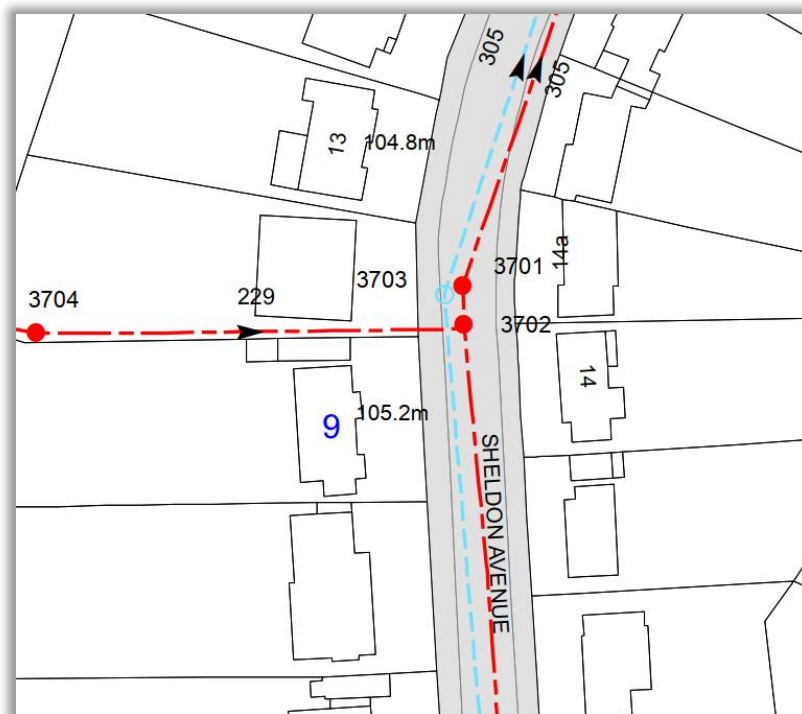


Extract from Christopher Tredway Architects drawing no. 145/AP14



- Bagshot Formation-Sand
- Claygate Member-Clay, silt and sand
- London Clay Formation-Clay, silt and sand

Extract from British Geological Survey Maps

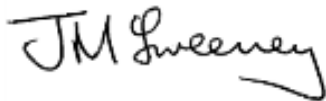


Extract from Thames Water Asset Search  
showing Sewer in No.11

There is a Thames Water Sewer in No.11 Sheldon Avenue; the sewer is at a depth of approximately 5m below ground level and runs parallel with the property boundary at 1.5m from the boundary.

Due to the presence of the TW Sewer, the proximity of the established trees and the known ground conditions, the new extensions and swimming pool shall be supported on reinforced concrete piled foundations; the piles shall be constructed using non-percussive techniques to prevent vibration.

On the basis of the above, the construction of the new extensions and the associated swimming pool shall not cause any damage to the existing building, nor to the adjoining structures, properties and the Thames Water Sewer.



**JOHN MCSWEENEY**