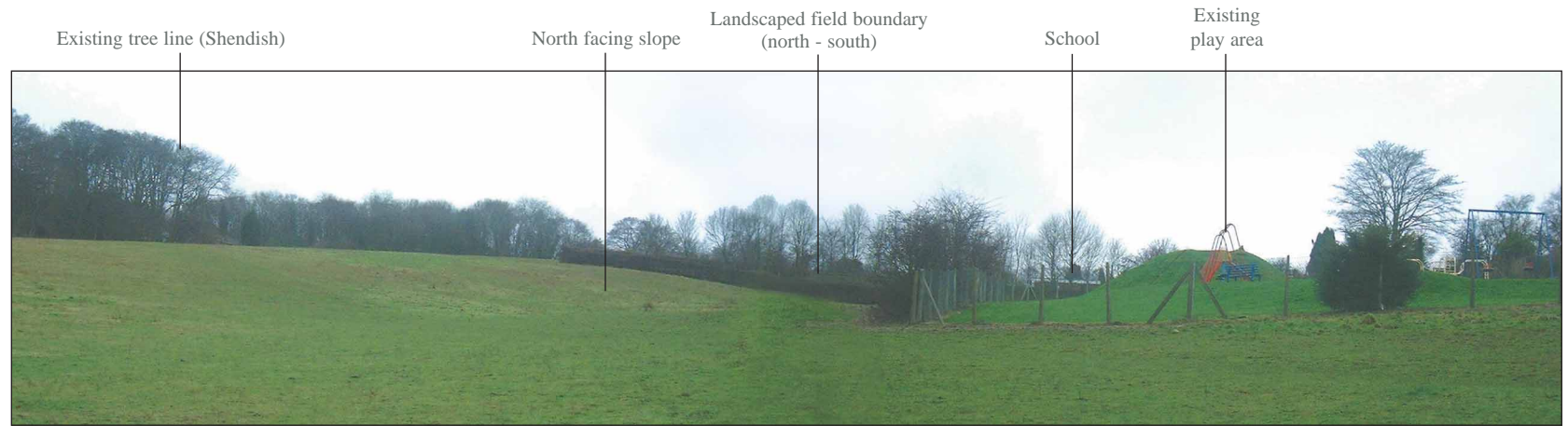


What is clear is that the steepest part of the site is the area to the east, adjoining the railway line. Development therefore needs to be carefully considered. Part of this area can be used as buffer space to the railway and also provide an opportunity as a local amenity to the development.



View looking west from existing footpath (adjoining railway line)



View looking east towards St.Mary's Church



Solar gain and orientation of landform

## 2.3 Solar gain and orientation of landform

The orientation of landform determines the scope for passive solar gain by buildings and wherever possible the development will seek to use this as an opportunity for more efficient plot layouts. To achieve some greater benefits of passive solar gain, north-facing slopes should be designed to allow greater light penetration. Ideally, principal elevations should aim to be orientated between SW-S-SE wherever possible. Additionally, plot lengths will be considered, especially where overshadowing of buildings or other features is created, since this again impacts upon solar gain to properties and private amenity space.