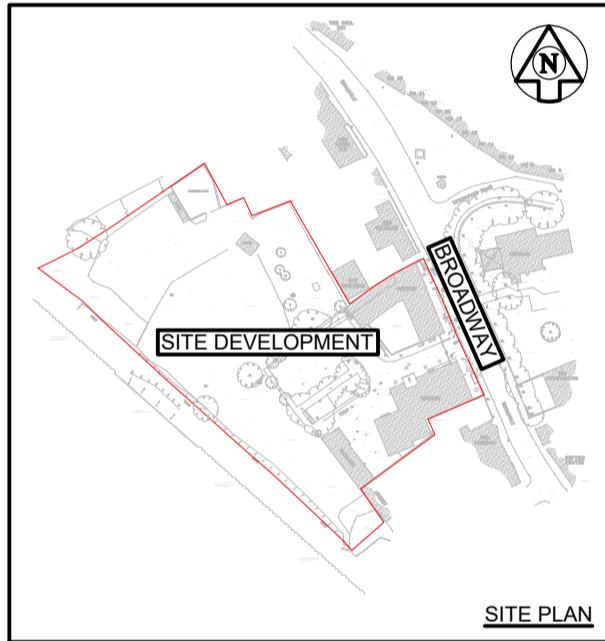


DRAINAGE KEY	
	Existing Highway Boundary, Exact location to be confirmed
	Existing Thames Water Foul Sewer
	Road Gully
	Proposed tactile paving
	Extent of proposed S278 carriageway works
	Extent of existing S278 footpath works



Works once completed will be subject to final inspection by Local Authority

- Notes :
- This drawing is to be read in conjunction with all relevant Architect's, Engineer's and specialists' drawings and specifications.
  - Do not scale from this drawing in either paper or digital form. Use written dimensions only. To check that this drawing has been printed to the intended scale this bar should be 50mm long @ A1 or 25mm long @ A3.
  - Health & Safety : All specific drawing notes are to be read in conjunction with the project "Information Pack" and "Site Rules".
  - Where there is a requirement for improved skid resistance as referred to in appendix 12/3 products showing the following performance in addition to that stated in sub-Clause 3 shall be used. Skid resistance shall be Class S3 with a value of 55.
  - All works within the public highway and new adoptable highways are to be constructed in accordance with Havering Highways guidance and specification and to the satisfaction of the Highways Inspector.
  - The contractor is to notify Persimmon Homes of any discrepancies between this drawing and site conditions before implementing the work. Details on this drawing are to be checked on site by the contractor and any discrepancies reported to the engineer so that adjustment may be made to the structural scheme if necessary.
  - The contractor is responsible for establishing and checking the setting out of all levels and datums.
  - Any temporary works including, needling, shoring, strutting and propping shall be the sole responsibility of the contractor.
  - At commencement of works on site the contractor is to carry out trial pits and CAT scans whilst liaising with utility companies in order to establish the exact position of all existing statutory utility plant in the vicinity of works and take adequate precautions for their protection.
  - All manhole covers/ valves/ inspection covers in existing carriageway/ verges to be adjusted where necessary to suit design levels.
  - Where the works involve the obstruction of a footway the contractor shall provide alternative safe footway properly signed and guarded and lit.
  - The contractor is to comply fully with CDM requirements/Regulations in the course of constructing the works.
  - Contractor to refer to health & safety executive note 47 - avoiding danger from underground services and document G56 - avoiding danger from overhead electric lines.
  - Highways in vicinity of works to be kept free from mud, debris and dust during the contractors process.
  - Contractor shall not construct works until traffic management plans / proposals have been agreed with Essex Highways.
  - Surfacing to be min PSV 55 outside 68+ areas
  - All ironwork in the carriageway to be HA104 compliant frames and covers bedded on high performance mortar.

Ver	Date	Drawn	Eng	Amendment
3	25.08.20	SK	MG	London Borough of Havering comments added. Issued for APPROVAL
2	08.11.19	SK	MG	Notes revised. Issued for APPROVAL
1	30.10.19	SK	MG	Issued for APPROVAL

**BROADWAY 21-29  
RAINHAM**

**SECTION 278  
COLOURED PLAN**

Status

Drawn	SK	Eng	MG
Scales	1:100 at A1	1:200 at A3	
Drawing No	28502/ 7003	Ver	3

FOR CONTINUATION REFER TO INSET 1