

## Notes

- 1. This drawing is to be read in conjunction with all relevant Architect's, Engineer's and specialists' drawings and specifications.
- 2. 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".
- 4. 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 London Borough of Havering 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.
- 7. 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 whist liasing 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.
- 10. All manhole covers/ valves/ inspection covers in existing carriageway/ verges to be adjusted where necessary to suit design levels.
- 11. Where the works involve the obstruction of a footway the contractor shall provide alternative safe footway properly signed and guarded and lit.
- 12. The contractor is to comply fully with CDM requirements/Regulations in the course of constructing
- 13. Contractor to refer to health & safety executive note 47 avoiding danger from underground services and document G56 - avoiding danger from overhead electric
- 14. Highways in vicinity of works to be kept free from mud, debris and dust during the contractors process.
- management plans / proposals have been agreed with
- 16. Surfacing to be min PSV 55 outside 68+ areas

15. Contractor shall not construct works until traffic

17. All ironwork in the carriageway to be HA104 compliant frames and covers bedded on high performance mortar.

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
Ver	Date	Drawn	Eng	Amendment

## **BROADWAY 21-29** RAINHAM

SECTION 278 **ENGINEERING LAYOUT** 

Drawn SK	Eng MG
Scales 1:100 at A1	1:200 at A3
Drawing No	Ver
28502/ 7002	3



**Consulting Engineers** 37 Alfred Place London WC1E 7DP T 020 7631 5128 F 020 7462 1390 E mail@pricemyers.com www.pricemyers.com