

Utilities Assessment

Preston Rd. Alston Grange – GAS -

12 numbers of plots to be added total number raising to 268 plots (from 256)

POC Assumption: This assessment assuming extra load will be available from Cadent.

38m of new gas main will be added with breakdown as below.

New Site Layout – 268 Supplies

63mm – 1313m

90mm – 1099m

125mm – 252m

180mm – 670m

Total: 3334m

Latest Approved Design – 256 Supplies

63mm – 1349m

90mm – 1012m

125mm – 252m

180mm – 670m

Total: 3283m



Registered Company Name:

Tilia Homes Limited

Registered Office: Tungsten Building, Blythe Valley
Business Park, Solihull, West Midlands B90 8AU

Registered in England No. 775505

Preston Rd. Alston Grange - WATER -

12 numbers of plots to be added total number raising to 268 plots (from 256)

Breakdown of mains plus sketch as below:

- 12 extra plots x 25mm services – infrastructure costs
- Additional 38m x 63mm
- Upsize 45m of 90mm to 110mm
- Upsize 16m of 63mm to 90mm

New Site Layout – 268 Supplies

63mm – 1688m

90mm – 287m

110mm – 416m

160mm – 761m

160mm Offsite – 524m

Latest Approved Design – 256 Supplies

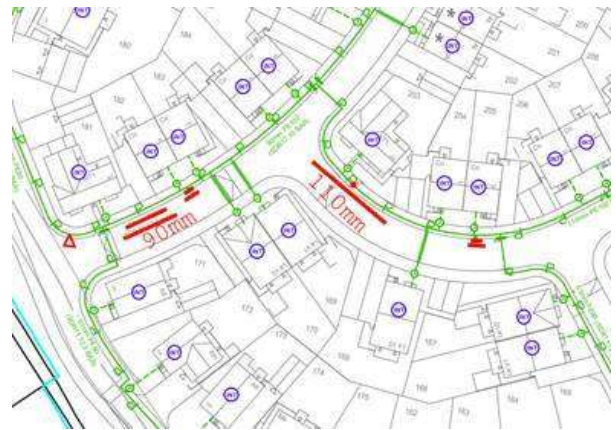
63mm – 1650m

90mm – 316m

110mm – 371m

160mm – 761m

160mm Offsite – 524m



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AP1113 – Preston Rd. Alston Grange - ELECTRIC

12 numbers of plots to be added total number raising to 268 plots (from 256)

38m of 300 w/f LV cable will need adding.

There is enough capacity in both feeders A + B to accommodate load increase.

There is spare capacity in the transformer to accommodate this change.

The transformer was sized as a 500kVA – originally.

POC will need to be upgraded with extra load, but it is assumed at this stage that there will not be any issue with this.