

KEY

- Private surface water sewer and chamber. 110mm dia UPVC unless stated otherwise.
- Private foul water sewer and chamber. 110mm dia UPVC unless stated otherwise.
- 110mm HDPE bottle gully to EN1401-1
- Linear drainage channel (ACO or similar)
- Rodding Eye.

NOTES

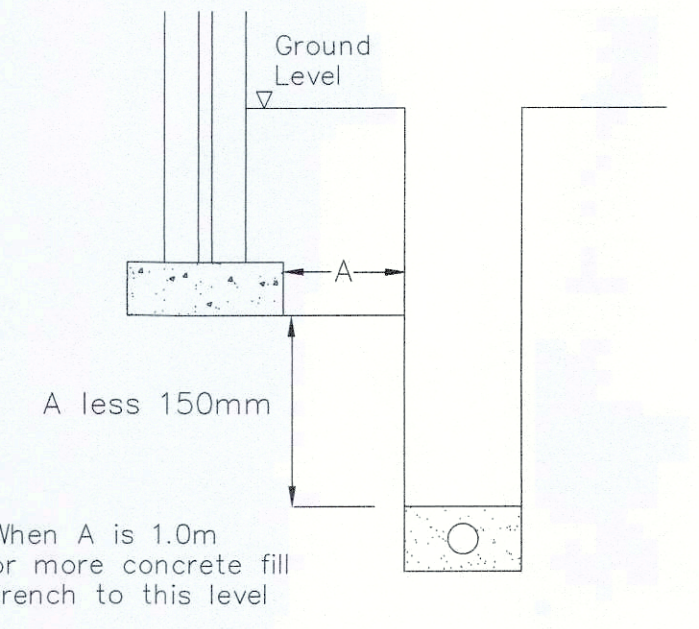
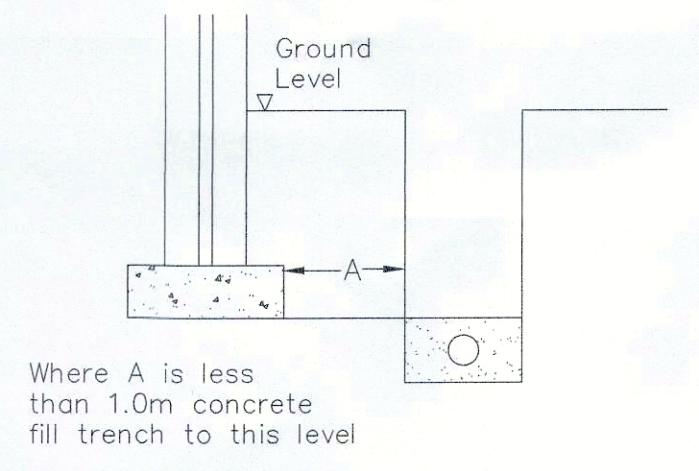
All works to comply with Building Regulations Approved document Part H.

Drainage points shown are approximate and should be checked against the house type working drawings.

All existing drainage to be checked for line and level prior to commencement.

Invert levels shown indicate the invert level of the main channel within the chamber. Branches connect at +50mm. At changes of direction the main channel is to be used with bends outside the chamber. Branches not to be used for changes of direction.

A1



PRIVATE SOAKAWAY SCHEDULE

| SOAKAWAY NO. | DRAINED AREA (m2) | TYPE | SIZE (m) | COVER LEVEL | BASE LEVEL | PIPE INLET LEVEL |
|--------------|-------------------|----------|--------------|-------------|------------|------------------|
| SOAKAWAY 1 | 442m2 | CELLULAR | 5.0x1.0x0.8 | 66.80 | 65.50 | 66.20 |
| SOAKAWAY 2 | 805m2 | CELLULAR | 16.0x2.0x0.8 | 65.10 | 62.80 | 63.50 |

| RISK ASSESSMENT: SIGNIFICANT RISKS THAT CANNOT BE DESIGNED OUT | | SUGGESTED ACTION |
|---|--------------------|--|
| RISK | LEVEL OF RISK (HM) | |
| DEEP EXCAVATIONS ASSOCIATED WITH DEEP DRAINAGE WORKS | HIGH | ENSURE ALL EXCAVATIONS HAVE ADEQUATE TRENCH SUPPORTS AND ARE FENCED OFF TO PROTECT FROM FALLS. |
| HANDLING LARGE DIAMETER MANHOLE AND SOAKAWAY RINGS | HIGH | USE CORRECT LIFTING EQUIPMENT AND ENSURE OPERATIVES WEAR THE CORRECT PERSONAL PROTECTIVE EQUIPMENT. |
| CONTACT WITH SEWAGE/WORKING IN CONFINED SPACES | MEDIUM | USE GAS DETECTORS/BREATHING EQUIPMENT AND ENSURE OPERATIVES WEAR THE CORRECT PERSONAL PROTECTIVE EQUIPMENT. |
| NOISE FROM MACHINERY | MEDIUM | OPERATIVES TO WEAR THE CORRECT EAR PROTECTION. |
| EXCAVATIONS NEAR TO UTILITIES | HIGH | UTILITY MAPS TO BE INSPECTED AND APPARATUS LOCATED USING APPROPRIATE EQUIPMENT PRIOR TO EXCAVATION. |
| EXCAVATIONS IN PUBLIC HIGHWAY | HIGH | ENSURE ALL EXCAVATIONS HAVE ADEQUATE TRENCH SUPPORTS AND ARE FENCED OFF TO PROTECT FROM FALLS. ENSURE THE CORRECT SIGNAGE/TRAFFIC CONTROL IS USED. |
| IT IS ASSUMED THAT WORKS ASSOCIATED WITH THIS DESIGN WILL BE UNDERTAKEN BY A PERSON(S) WHO ARE COMPETENT AND HAVE THE REQUIRED LEVEL OF EXPERIENCE AND EXPERTISE. | | |

Preliminary

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|--|---------|------|-------|------|
| Rev | Details | Date | Drawn | Chk. |
| Premier Homes | | | | |
| Newsome Avenue Wombwell, Barnsley | | | | |
| Plot Drainage | | | | |
| Dwg No. : STE/16/03/02 | | | | |
| Date : 9-3-16 | | | | |
| Scale : 1:200 | | | | |
| <small>Copyright © Shaun Tonge Engineering</small> | | | | |
| SHAUN TONGE ENGINEERING | | | | |
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