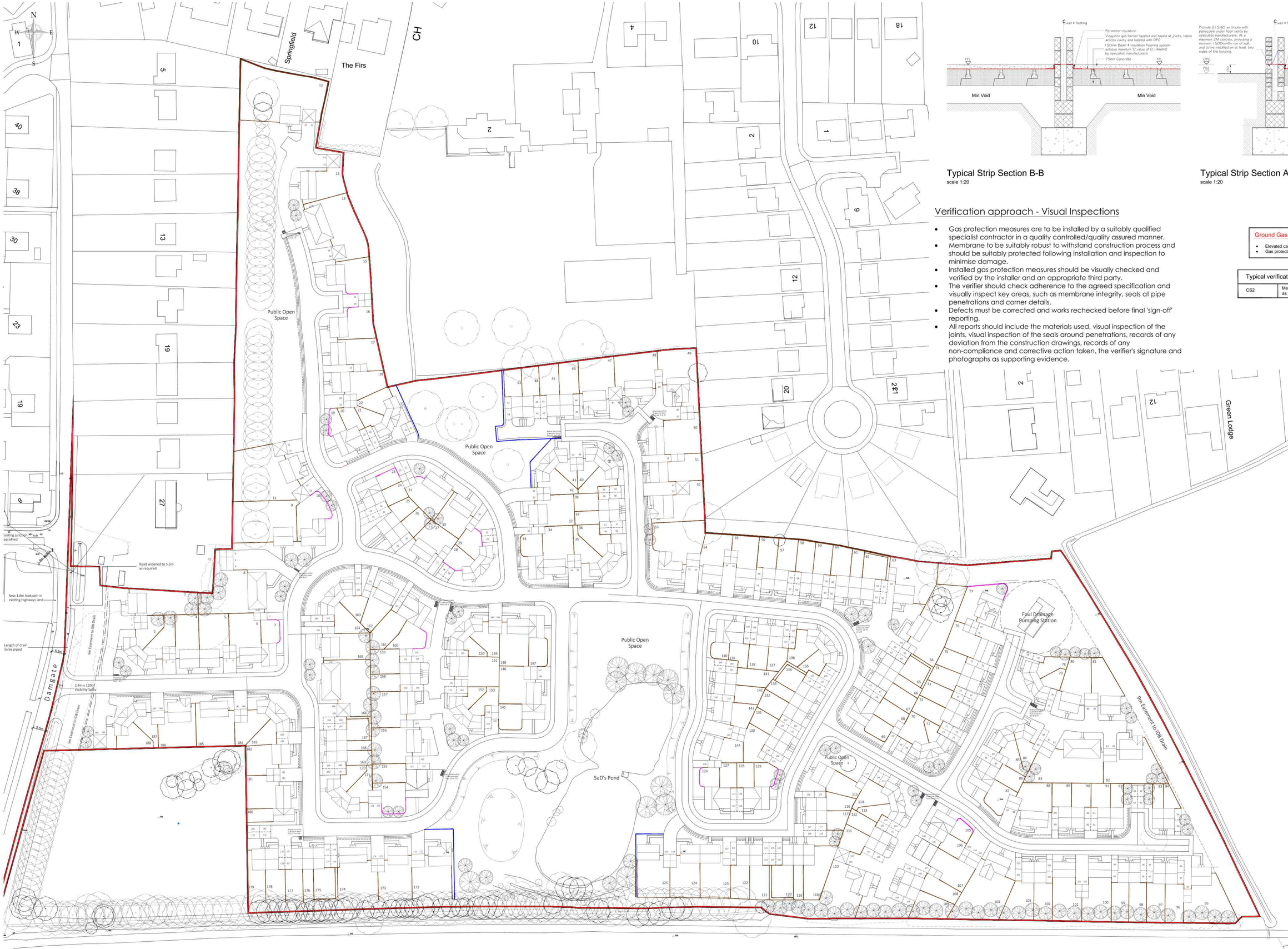
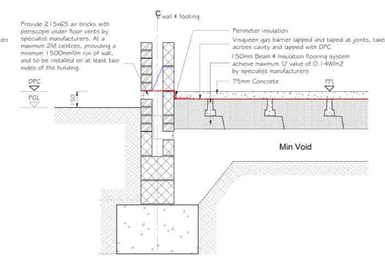


Typical Strip Section B-B
scale 1:20



Typical Strip Section A-A
scale 1:20

Verification approach - Visual Inspections

- Gas protection measures are to be installed by a suitably qualified specialist contractor in a quality controlled/quality assured manner.
- Membrane to be suitably robust to withstand construction process and should be suitably protected following installation and inspection to minimise damage.
- Installed gas protection measures should be visually checked and verified by the installer and an appropriate third party.
- The verifier should check adherence to the agreed specification and visually inspect key areas, such as membrane integrity, seals at pipe penetrations and corner details.
- Defects must be corrected and works rechecked before final 'sign-off' reporting.
- All reports should include the materials used, visual inspection of the joints, visual inspection of the seals around penetrations, records of any deviation from the construction drawings, records of any non-compliance and corrective action taken, the verifier's signature and photographs as supporting evidence.

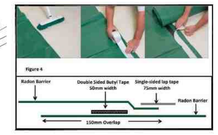
Ground Gas Regime: Characteristic Situation CS2

- Elevated carbon dioxide concentrations 0.7 - 6.8% by volume recorded.
- Gas protection measures required for the whole site.

Typical verification requirements	
CS2	Membrane specification, construction and verification details as shown.

ALL WORKS IS TO BE IN STRICT ACCORDANCE WITH SPECIALIST MANUFACTURERS RECOMMENDATIONS AND INSTRUCTIONS.

IN ALL CIRCUMSTANCES, THE MEMBRANE SHOULD BE PROTECTED AS SOON AS POSSIBLE AFTER VERIFICATION TO PREVENT FUTURE DAMAGE



Rev.	Date	Description
B.	01.09.2020	Gas membrane details and verification requirements updated
A.	01.09.2020	Verification requirements updated

ASHWOOD HOMES
1 Goodison Road, Lincs Gateway Business Park, Spalding, Lincs, PE12 6FY T: 01406 490590

PROJECT:
Proposed Residential Development at Damgate, Holbeach

DRAWING:
Gas Membrane Details

SCALE: 1:500@A1 DRAWN: AR
DATE: AUG.2020 REVISION: B

DRAWING No:
35-GMD-01