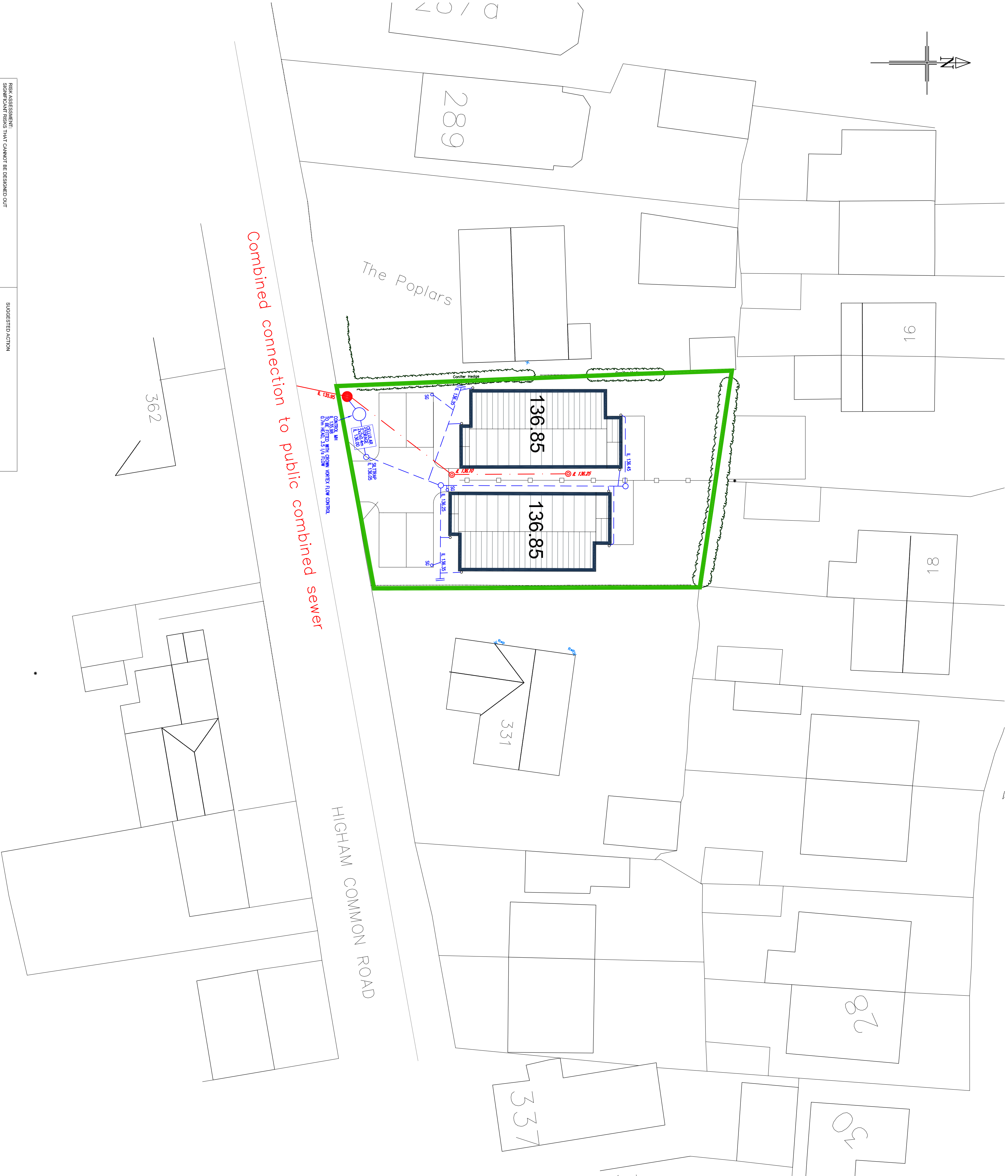
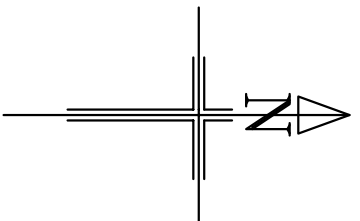




| RISK ASSESSMENT<br>SITUATIONS THAT CANNOT BE DESIGNED OUT |                                                                                                                                                      |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| RISK                                                      | SUGGESTED ACTION                                                                                                                                     |
| DEEP EXCAVATIONS ASSOCIATED WITH DEEP DRAINAGE WORKS      | ENSURE ALL EXCAVATIONS HAVE ADEQUATE TRUSS SUPPORTS AND ARE FENCED OFF TO PROTECT FROM FALLS.                                                        |
| HANDLING LARGE SWIFTER MANHOLE AND SOAKAWAY PIPES         | USE CORRECT LIFTING EQUIPMENT AND ENSURE OPERATIVES WEAR THE CORRECT PERSONAL PROTECTIVE EQUIPMENT.                                                  |
| CONTACT WITH SERVICES/WORKING IN CONFINED SPACES          | USE GAS DETECTORS/BREATHING EQUIPMENT AND ENSURE OPERATIVES WEAR THE CORRECT PERSONAL PROTECTIVE EQUIPMENT.                                          |
| NOISE FROM MACHINERY                                      | OPERATIVES TO WEAR THE CORRECT EAR PROTECTION.                                                                                                       |
| EXCAVATIONS NEAR TO UTILITIES                             | UTILITY LINES TO BE INSPECTED AND APPROPRIATELY COVERED USING APPROPRIATE EQUIPMENT PRIOR TO EXCAVATION.                                             |
| EXCAVATIONS IN PUBLIC HIGHWAY                             | ENSURE ALL EXCAVATIONS HAVE ADEQUATE TRUSS SUPPORTS AND ARE FENCED OFF TO PROTECT FROM FALLS.<br>ENSURE THE CORRECT SIGNAGE/TRAFFIC CONTROL IS USED. |

All drainage connection points to be located and checked for position and level prior to the commencement of any works.  
All levels shown are approximate and should be confirmed on site prior to commencement.  
House type foul drainage connection points should be taken from working drawings.

KEY

- Existing Public combined sewer to remain
- 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
- 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.

Gully/Aco positions are approximate only and will require positioning to meet the needs of levels on site

Preliminary

| Rev | Details                 | Date | Drawn | Chk |
|-----|-------------------------|------|-------|-----|
| 1   | Weldon Developments Ltd |      |       |     |

331 Higham Common Road  
Higham, Barnsley

Drainage design  
General Arrangement

Dwg No : STE/18/03/01  
Date : 1-6-18  
Scale : 1:200

SHAUN TONGE  
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