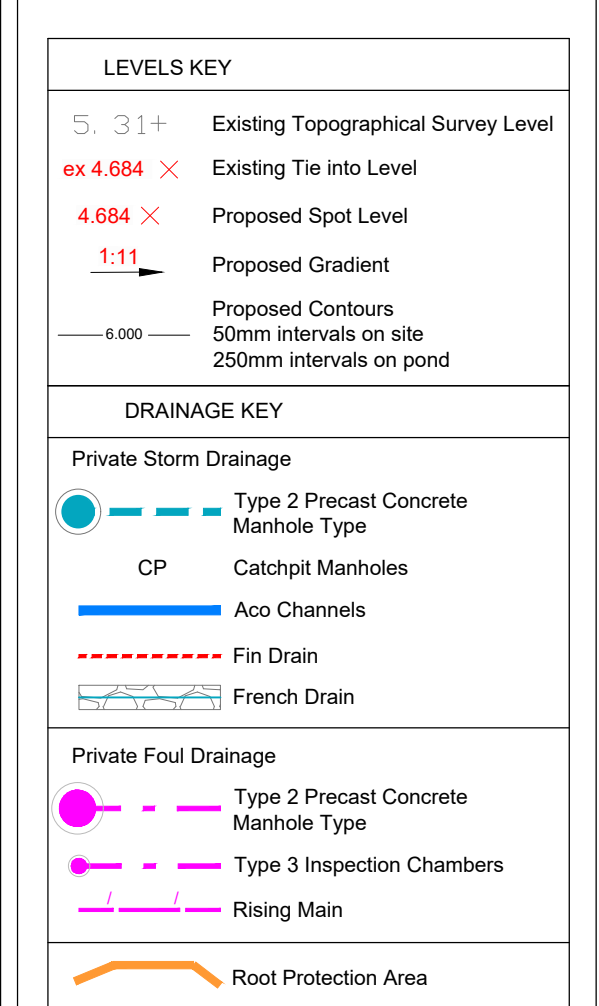


1. All dimensions to be checked on site. All details and dimensions relating to sub-Contractors work must be checked and agreed between the sub-Contractor or supplier and the general Contractor.
2. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and specification.
3. The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.
4. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority. No liability is accepted by the Consultant and the main Contractor is responsible for obtaining and checking all information and taking due care and attention whilst undertaking the works.

1. All adoptable pipes, bends and junctions shall be vitrified clay to BS EN 2057-1, with flexible joints and kitemarked certified.
2. All Adoptable sewers shall be in strict accordance with the 7th edition of *Sewers For Adoption*. Unless otherwise stated adoptable sewers shall be 150mm diameter and shall be laid in a trench with a minimum cover of 1.2m. Where the sewer is under a public highway or 0.9m elsewhere the pipe shall be laid with a class Z bedding.
3. All private building drainage shall be constructed in strict accordance with BS EN 752:2008. Unless otherwise specified the building drainage shall be 100mm diameter and shall be laid at a minimum gradient of 1 in 40 for foul drains and 1 in 80 for surface water drains. All building drains shall be laid in class B bedding unless otherwise specified.
4. Where a pipe is within 1m of a foundation the trench shall be filled with class GEN 3 concrete up to the lowest level of the foundation. Where the trench is further than 1m from the foundation, the trench shall be filled with class GEN 3 concrete to the level above the lowest level of the foundation equal to the distance from the foundation less 150mm. In both cases the pipe shall be bedded and surrounded in 150mm thick class GEN 3 concrete.
5. Where pipes, external to the structures, have a depth to soffit from ground level of less than 150mm they shall have a class GEN 3 concrete encasement (450mm thick). In all other cases the pipes shall be bedded and surrounded with 100mm thick granular bedding.
6. In any circumstances where pipes are bedded and surrounded in concrete flexible joints shall be provided. Compressible boards (fibreglass or polystyrene) shall be provided at a depth of 5m centre to centre of the pipes. The boards shall be pre-cut to pipe diameter and to a height and width equal to the concrete cross section. A board thickness of 18mm for pipes of 150mm nominal diameter and 36mm for pipes over 450mm nominal diameter.
7. All sumps shall have ending access plates fitted at their bases (ground floor level).
8. Where existing pipes are to be abandoned they shall be dug out together with any abandoned manholes.
9. Any discrepancy between the drawing and site should be reported immediately to the Engineer.
10. All manhole and chamber sizes are given as a minimum to meet the 7th edition of *Sewers For Adoption*.
11. All pipes to connect soffit to soffit.



Issue Status

PRELIMINARY

The Civil Engineering Practice
 11 Tungsten Building
 George Street
 Fishersgate
 Sussex
 BN41 1RA

01273 424424
 reception@civil.co.uk
 www.civil.co.uk

CLIENT		DPS Limited	
PROJECT		Wicks Farm Polytunnel Ford	
TITLE		Proposed Levels and Drainage Sheet 2 of 6	
DRAWN PR ENGINEER SB SCALE 1:250 @ A1	DATE Feb 2020 CHECKED 	PROJECT NO Dwg No 22	23314 REV D