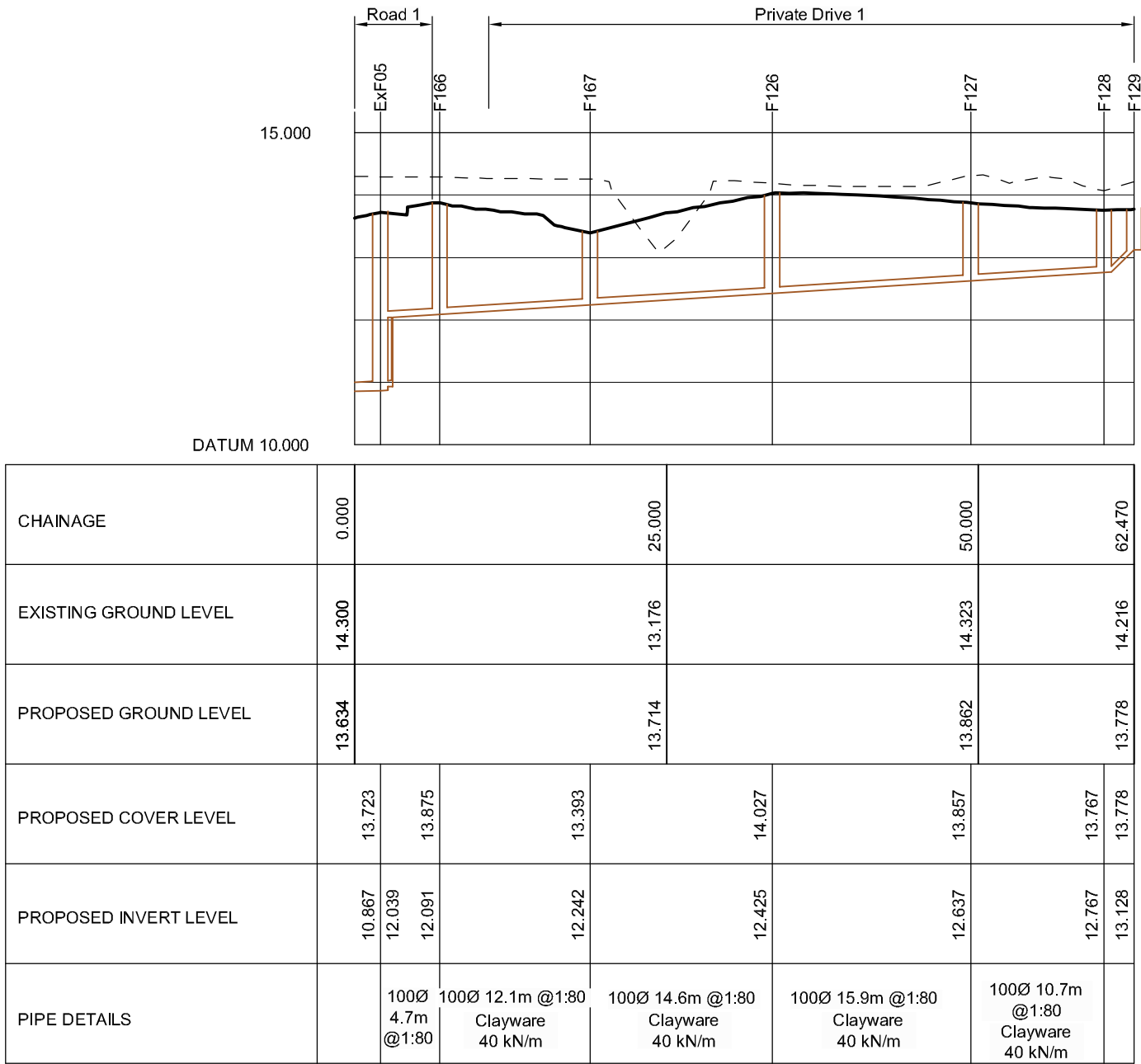
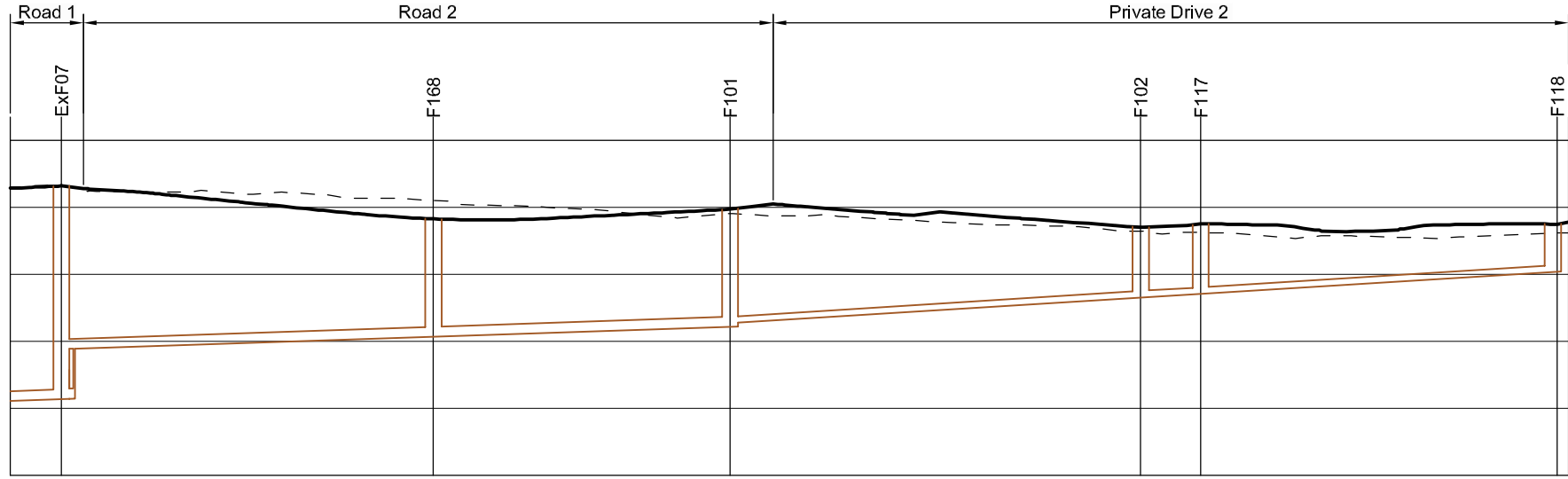




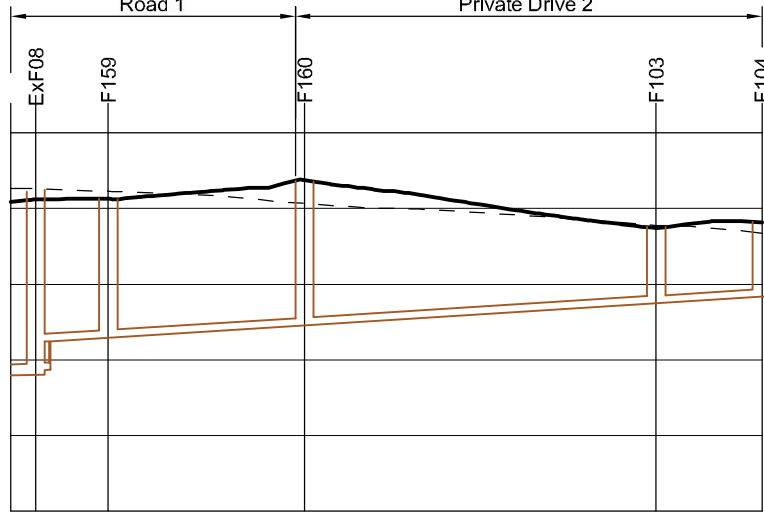
PRIVATE DRIVE 1 - ExF05 - F129

CHAINAGE	0.000				25.000				50.000				62.470
EXISTING GROUND LEVEL	14.500				13.176				14.323				14.216
PROPOSED GROUND LEVEL	13.634				13.714				13.862				13.778
PROPOSED COVER LEVEL		13.723				14.027			13.857				13.776
PROPOSED INVERT LEVEL		12.867	12.808	12.875			12.425		12.637			12.767	13.126
PIPE DETAILS		1000 4.7m @1:80	1000 12.1m @1:80 Clayware 40 kN/m		1000 14.6m @1:80 Clayware 40 kN/m	1000 15.9m @1:80 Clayware 40 kN/m			1000 10.7m @1:80 Clayware 40 kN/m				



ROAD 2 - ExF07 - F121

CHAINAGE	0.000				25.000				50.000				75.000			100.000			116.198
EXISTING GROUND LEVEL	14.294				14.139				13.845				13.735			13.572			13.615
PROPOSED GROUND LEVEL	14.282				13.520				13.932				13.638			13.639			13.774
PROPOSED COVER LEVEL		14.317				13.827					13.969					13.700	13.650		13.650
PROPOSED INVERT LEVEL		11.134	11.873				12.057					12.205				12.637	12.693		13.025
PIPE DETAILS			1500 27.6m @1:150 Clayware 40 kN/m		1500 22.2m @1:150 Clayware 40 kN/m			1000 30.6m @1:80 Clayware 40 kN/m		1000 4.5m @1:80 Clayware 40 kN/m		1000 26.5m @1:80 Clayware 40 kN/m							



PRIVATE DRIVE 2 - ExF08 - F104

CHAINAGE	0.000																		
EXISTING GROUND LEVEL	14.268				7.144														
PROPOSED GROUND LEVEL	14.092				10.000														
PROPOSED COVER LEVEL		14.134																	
PROPOSED INVERT LEVEL		11.803	B012.230		14.176														
PIPE DETAILS		1000 5.8m @1:80	1000 12.6m @1:80 Clayware 40 kN/m																

- NOTES:
- 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.
 - This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and specification.
 - The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.
 - 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.
 - All pipes, bends and junctions shall be vitrified clay to BS EN 205-1, with flexible joints and kitemark certified. Alternatively all pipes and fittings can be UPVC conforming to BS EN 1401-1 and shall be laid in accordance with the manufacturers specification. If UPVC pipes are to be used then the manufacturer shall be approved by the Engineer prior to construction.
 - All Adoptable sewers shall be in strict accordance with Sewers For Adoption 7th Edition. Unless otherwise stated adoptable sewers shall be 150mm diameter and shall be laid in a class 3 bedding. Where the depth to soffit is less than 1.2m under a public highway or 0.9m elsewhere the pipe shall be laid with a class 2 bedding.
 - All private building drainage shall be constructed in strict accordance with BS EN 752:1996. Unless otherwise specified 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.
 - 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 a level below the lowest level for 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.
 - Where pipes, external to the structures, have a depth to soffit from ground level of less than 450mm they shall have a class GEN 3 concrete encasement (150mm thick). In all other cases the pipes shall be bedded and surrounded with 100mm thick granular material.
 - In any circumstances where pipes are bedded and surrounded in concrete flexible joints should be provided. Compressible boards (fibreboard or polystyrene) shall be provided at a maximum of 8m centres (coinciding with pipe joints). 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 up to 450mm nominal diameter and 36mm for pipes over 450mm nominal diameter.

- All syphs shall have rodding access plates fitted at their bases (ground floor level).
- Where existing pipes are to be abandoned they shall be dug out together with any abandoned manholes.
- Connections to public sewers are not to be carried out without the prior consent of Southern Water
- Any lateral drains constructed penetrating boundary walls not greater than 1m high should have a lintel incorporated into the wall above in accordance with Figure B.27 (Sewers For Adoption 7th Edition)
- All pipework 300mm nominal bore and smaller must be certified by a recognised third party test body as proven capable of being jetted using pressures of 4000 psi. All ancillary equipment made of plastic materials such as chambers and elements in association with such pipework must be similarly proven capable of being jetted using pressures of 4000 psi.

B	10.08.15	AJD	EXF08 to F160 revised	
A	08.08.15	AJD	Updated to suit current design	
REV	DATE	INT	DESCRIPTION	CHK

Issue Status FOR APPROVAL

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the

Civil

engineering

practice

CURRENT

PROJECT

TITLE

DRAWN

DATE

PROJECT NO.

ENGWERT

CHECKED

DWG. NO.

REV

SCALE

Barratt David Wilson Southampton

Pound Nursery
Roundstone Lane, Angmering

Section 104 Agreement
Longitudinal Sections

A Davies

Dec 2014

22411

G Waller

1272

B

1:500 Horizontal, 1:100 Vertical