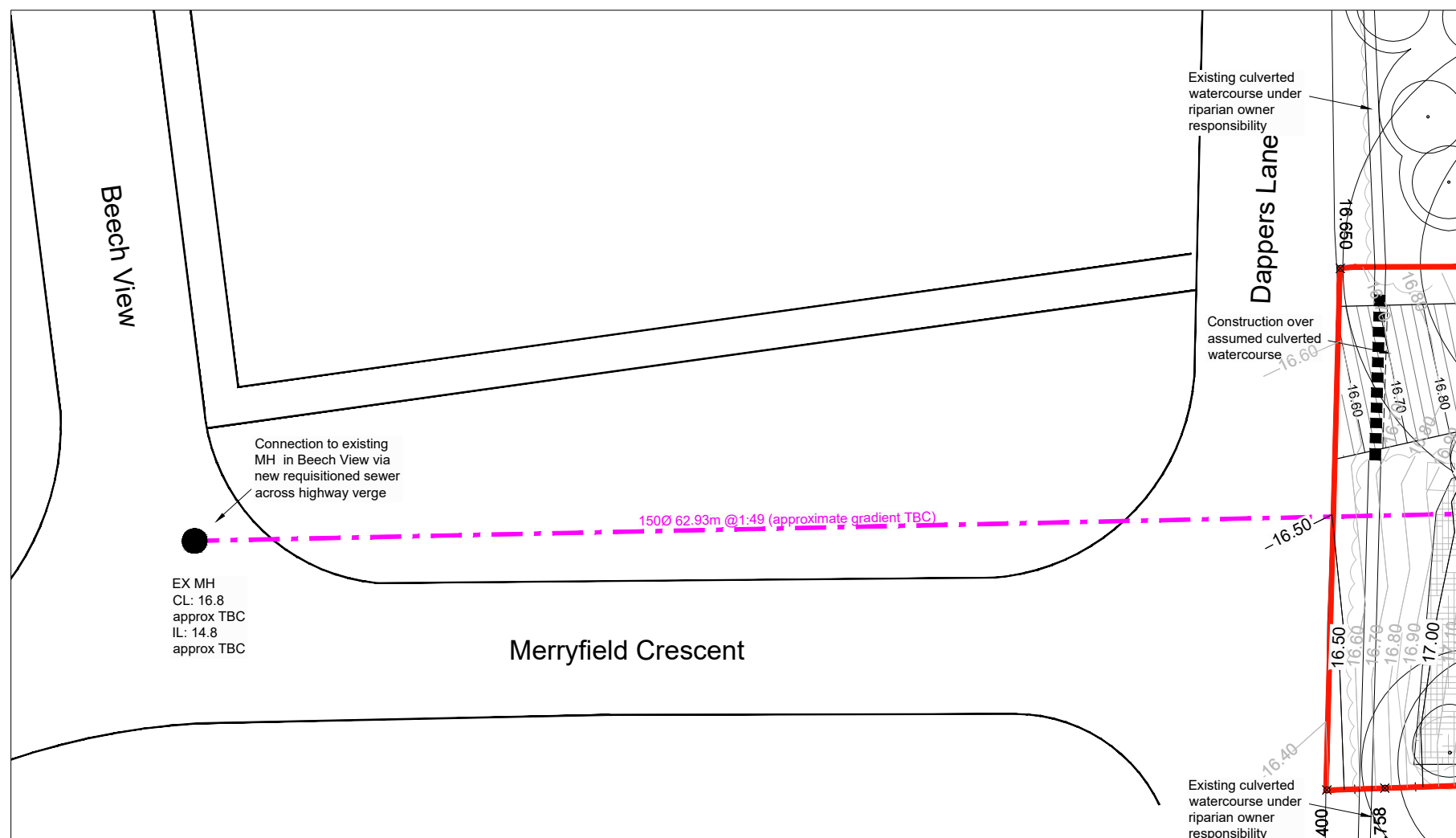
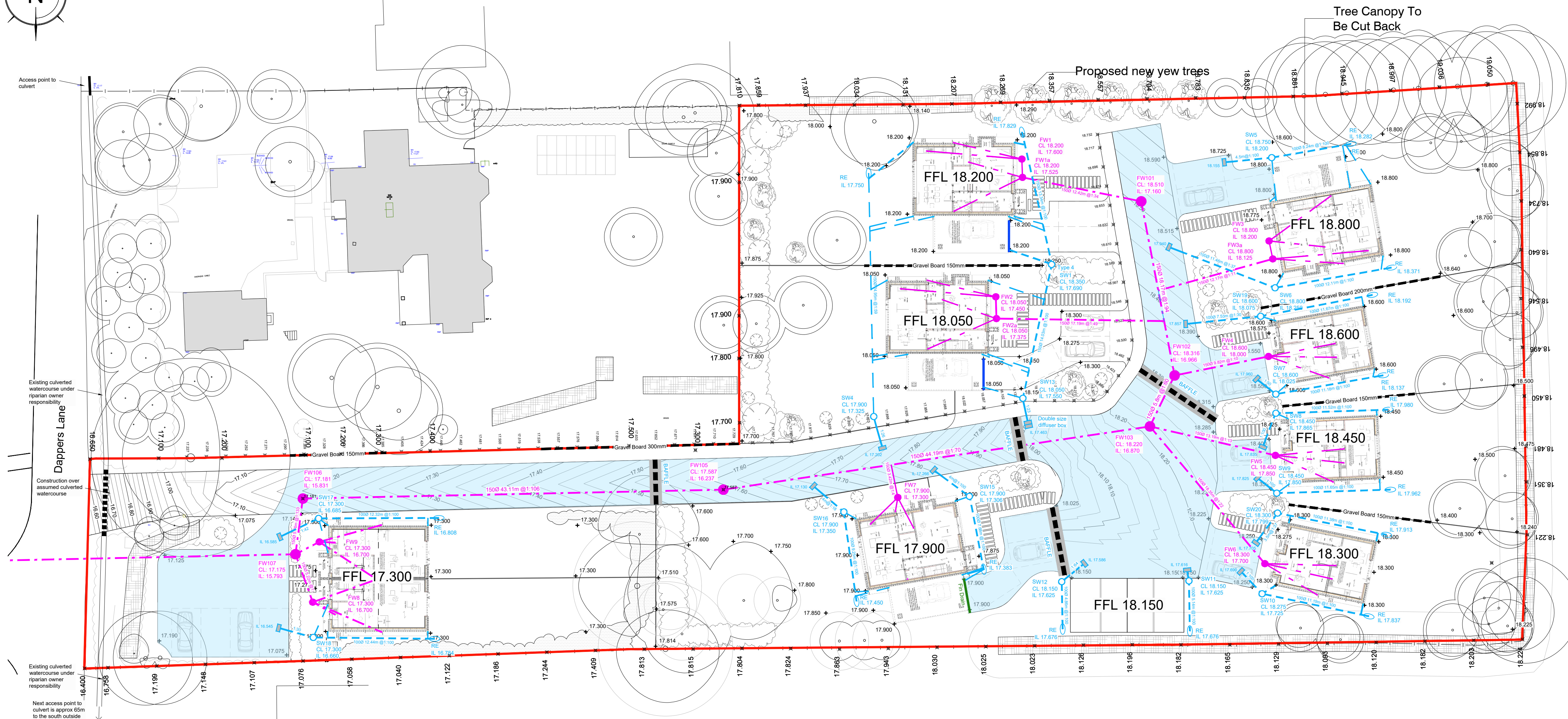
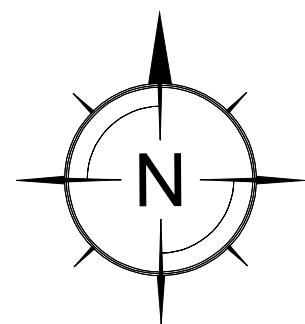
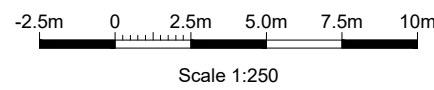




Drainage Legend:	
	Voids subbase for storm water storage and attenuation
	Private Type 4 Storm Water Inspection Chamber
	Private Storm Water Catchpit
	Private Storm Water Rodding Eye
	Property boundary
	Distribution Tanks to Subbase
	Fin Drain to Subbase
	Baffle to subbase
	Private Foul Water Sewer Type 2 Manhole
	Private Foul Water Sewer Type 4 Inspection Chamber

FOUL WATER MANHOLE SCHEDULE						
MANHOLE REFERENCE	COVER LEVEL	INVERT LEVEL	DEPTH TO INVERT	DIAMETER / SIZE	COVER TYPE	MANHOLE TYPE
FW101	18.510	17.160	1.350	1200mmØ	D400	Type 2
FW102	18.316	16.960	1.356	1200mmØ	D400	Type 2
FW103	18.200	16.870	1.330	1200mmØ	D400	Type 2
FW104	Not Used					
FW105	17.587	16.237	1.350	1200mmØ	D400	Type 2
FW106	17.181	15.831	1.350	1200mmØ	D400	Type 2
FW107	17.175	15.793	1.382	1200mmØ	D400	Type 2
FW1	18.200	17.600	0.600	450mmØ	A15	Type 4
FW1a	18.200	17.525	0.675	450mmØ	A15	Type 4
FW2	18.050	17.450	0.600	450mmØ	A15	Type 4
FW2a	18.050	17.375	0.675	450mmØ	A15	Type 4
FW3	18.800	18.200	0.600	450mmØ	A15	Type 4
FW3a	18.800	18.125	0.675	450mmØ	A15	Type 4
FW4	18.600	18.000	0.600	450mmØ	A15	Type 4
FW5	18.450	17.850	0.600	450mmØ	A15	Type 4
FW6	18.300	17.700	0.600	450mmØ	A15	Type 4
FW7	17.900	17.300	0.600	450mmØ	A15	Type 4
FW8	17.300	16.700	0.600	450mmØ	A15	Type 4
FW9	17.300	16.700	0.600	450mmØ	A15	Type 4

STORM WATER MANHOLE SCHEDULE						
MANHOLE REFERENCE	COVER LEVEL	INVERT LEVEL	DEPTH TO INVERT	DIAMETER / SIZE	COVER TYPE	MANHOLE TYPE
SW1	18.350	17.690	0.660	450mmØ	A15	Type 4
SW2	Not Used					
SW3	Not Used					
SW4	17.900	17.325	0.575	450mmØ	A15	Catchpit
SW5	18.750	18.200	0.550	450mmØ	A15	Catchpit
SW6	18.800	18.250	0.550	450mmØ	A15	Catchpit
SW7	18.600	18.025	0.575	450mmØ	A15	Catchpit
SW8	18.450	17.865	0.585	450mmØ	A15	Catchpit
SW9	18.450	17.850	0.600	450mmØ	A15	Catchpit
SW10	18.275	17.725	0.550	450mmØ	A15	Catchpit
SW11	18.150	17.625	0.525	450mmØ	A15	Catchpit
SW12	18.150	17.625	0.525	450mmØ	A15	Catchpit
SW13	18.050	17.550	0.500	450mmØ	A15	Catchpit
SW14	Not Used					
SW15	17.900	17.306	0.594	450mmØ	A15	Catchpit
SW16	17.900	17.350	0.550	450mmØ	A15	Catchpit
SW17	17.300	16.685	0.615	450mmØ	A15	Catchpit
SW18	17.300	16.660	0.640	450mmØ	A15	Catchpit
SW19	18.600	18.075	0.525	450mmØ	A15	Catchpit
SW20	18.300	17.900	0.400	450mmØ	A15	Catchpit



NOTES:

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.
5. All pipes, bends and junctions shall be vitrified clay to BS EN 295-1, 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.
6. All adoptable sewers shall be in strict accordance with the current edition of Sewers For Adoption. Unless otherwise stated adoptable sewers shall be 150mm diameter and shall be laid in a class S 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 Z bedding.
7. 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.
8. Where the service trench is near to the foundation of any building, refer to the guidance in Approved Document H, Building Regulations Part H1.
9. 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.
10. In any circumstances where pipes are bedded and surrounded in concrete flexible joints should be provided. Compressible boards (fibreglass 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.
11. All sumps shall have rodding access plates fitted at their bases (ground floor level).
12. Where existing pipes are to be abandoned they shall be dug out together with any abandoned manholes.

A (01.06.2020) MJP | Invert levels and gradients to diffuser tanks | MK

REV DATE INT DESCRIPTION CHK

Issue Status FOR CONSTRUCTION



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CLIENT Oceanview Developments Ltd

PROJECT The Laurals
Dappers Lane
Angmering

TITLE Proposed Drainage Layout and Levels Plan

DRAWN M Pacifico DATE May 2020 PROJECT NO. 23260

ENGINEER M Kemshall CHECKED

SCALE 1:250 @ A1, 1:500 @ A3

201 A