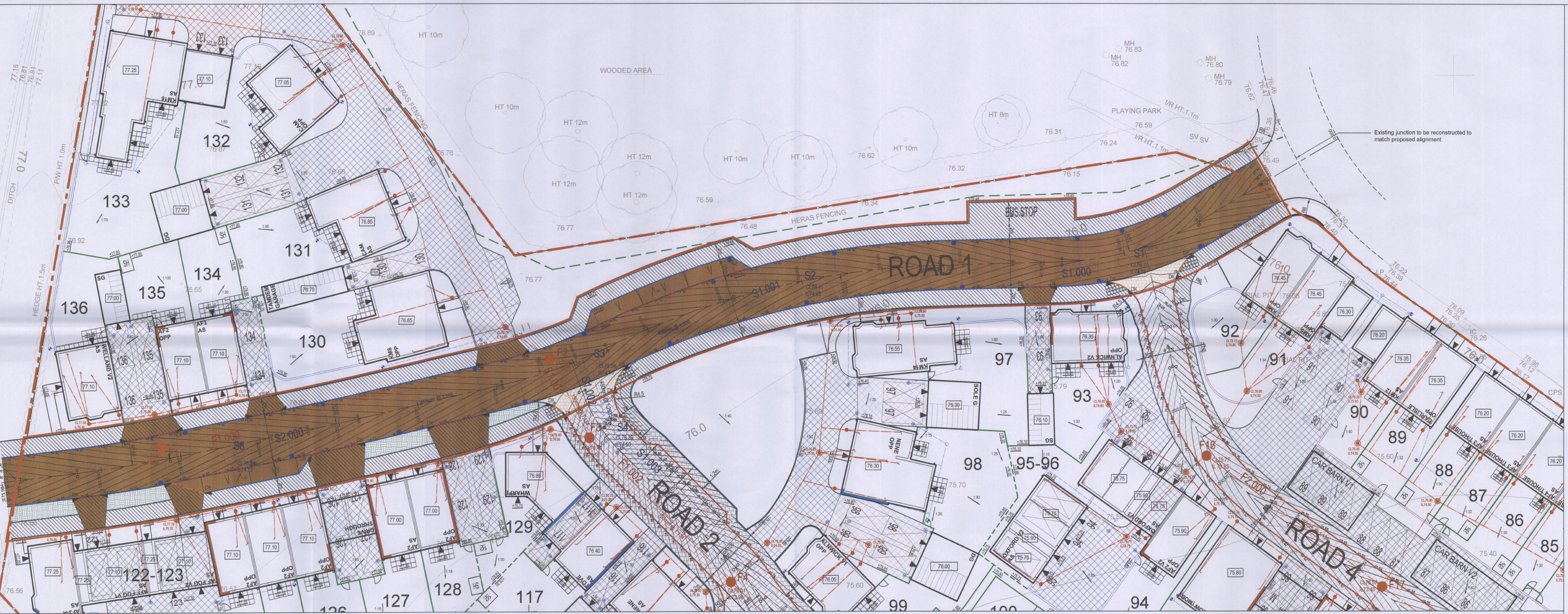
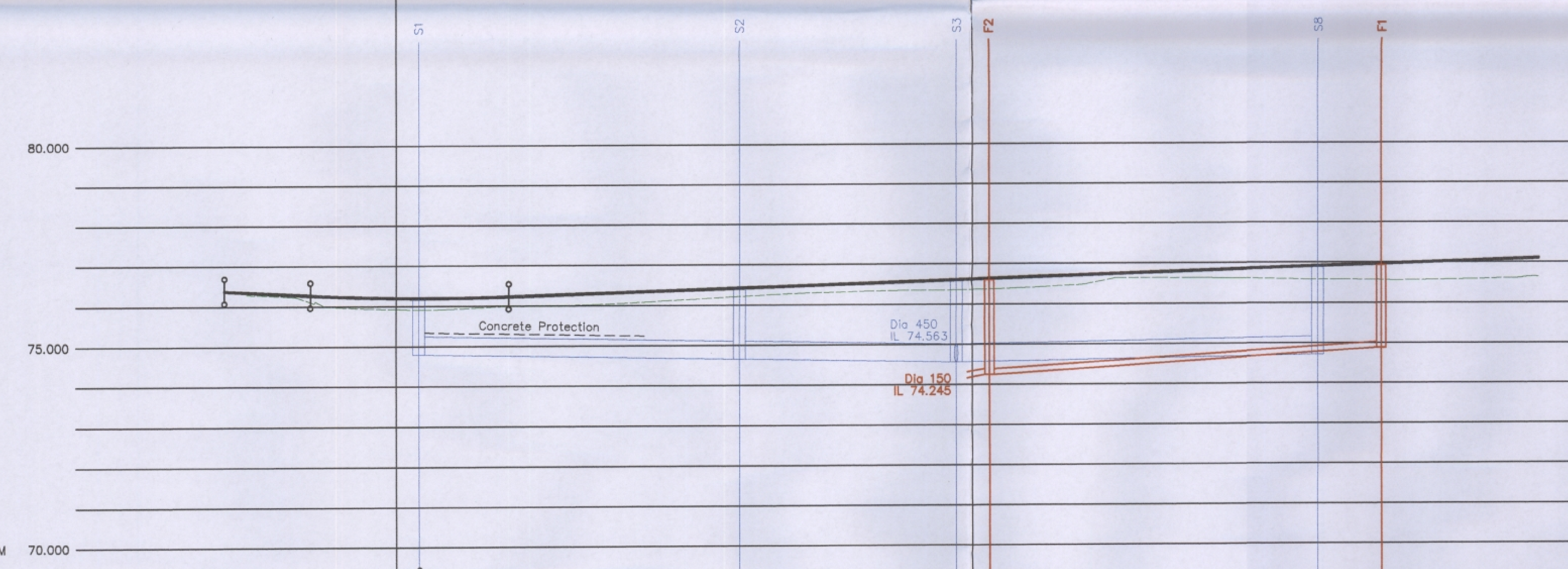
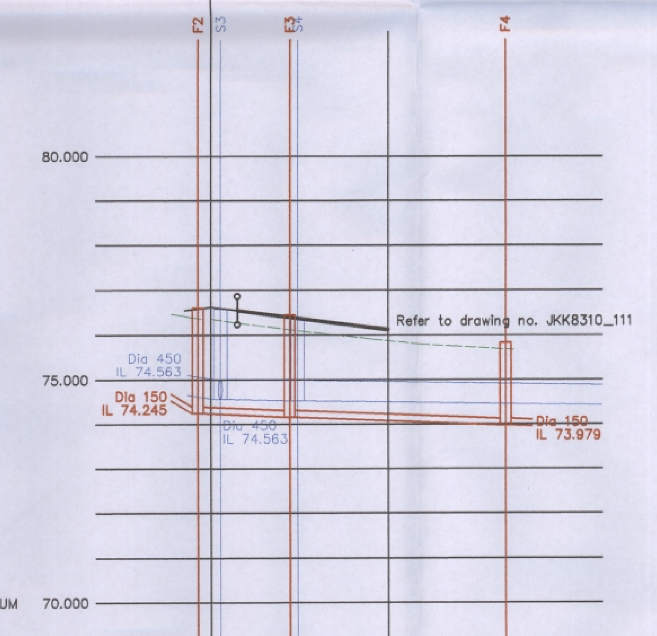


ROAD 1



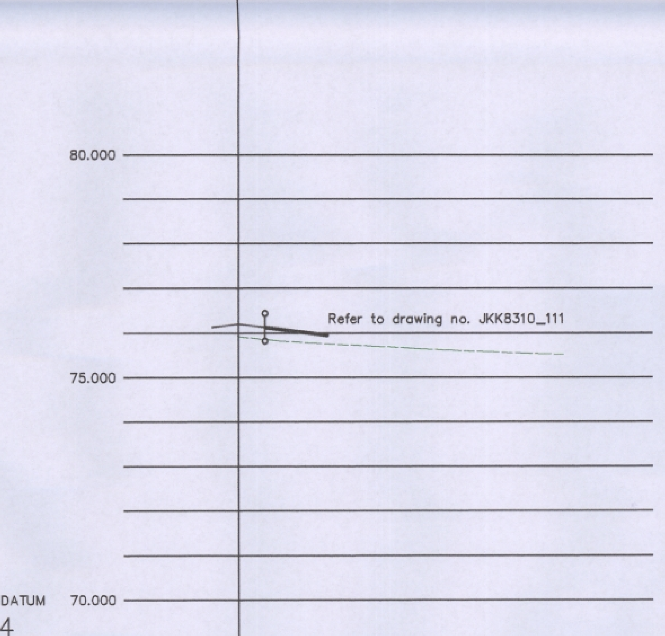
ROAD 1	
CHAINAGE	0.000, 5.700, 10.000, 16.576, 20.000, 20.206, 25.000, 27.409, 30.000, 30.234, 31.573, 35.000, 37.769, 40.000, 41.576, 50.000, 52.861, 60.000, 70.000, 70.719, 80.000, 90.000, 95.557, 98.214, 100.000, 100.256, 102.573, 109.253, 110.000, 120.000, 127.567, 130.000, 133.970, 140.000, 144.067, 150.000, 151.362, 152.112, 160.000, 162.954, 170.000, 171.984
EXISTING GROUND LEVEL	76.281, 75.978, 75.909, 75.980, 76.017, 76.099, 76.207, 76.292, 76.347, 76.363, 76.435, 76.637, 76.628, 76.596, 76.573, 76.576, 76.625, 76.635
ALIGNMENT LEVEL	76.380, 76.337, 76.271, 76.241, 76.211, 76.197, 76.196, 76.200, 76.220, 76.230, 76.286, 76.353, 76.419, 76.486, 76.553, 76.619, 76.686, 76.753, 76.819, 76.886, 76.953, 77.020, 77.086, 77.099
VERTICAL ALIGNMENT	G= -1.000% 1: -100.0; KF= 14.9970 L= 25.000; G= 0.667% 1: 149.9
HORIZONTAL ALIGNMENT	R= 35.000; R= 100.000; R= 60.000; R= 200.000; R= 150.000
STORMWATER COVER LEVEL	76.172, 76.413, 76.577, 76.875
STORMWATER INVERT	74.790, 74.654, 74.654, 74.563, 74.563, 74.717
STORMWATER DETAILS	Pipe 1.000 Dia 450 Circular CONC 1 in 298; Pipe 1.001 Dia 450 Circular CONC 1 in 300; Pipe 2.000 Dia 450 Circular CONC 1 in 299
STORMWATER LENGTHS	40.508, 27.288, 46.063
FOULWATER COVER LEVEL	76.601, 76.929
FOULWATER INVERT	74.245, 74.880
FOULWATER DETAILS	Pipe 1.000 Dia 150 Circular CLAY 1 in 78
FOULWATER LENGTHS	49.300

ROAD 2



ROAD 2	
CHAINAGE	-1.475, 0.000, 1.070, 3.000, 3.657, 8.891, 9.779, 10.000, 12.302, 20.000
EXISTING GROUND LEVEL	76.362, 76.097, 75.873
ALIGNMENT LEVEL	76.547, 76.372, 76.122
VERTICAL ALIGNMENT	G= -2.500% 1: -40.0
HORIZONTAL ALIGNMENT	R= 20.000
STORMWATER COVER LEVEL	76.580, 76.366
STORMWATER INVERT	74.563, 74.534, 74.534
STORMWATER DETAILS	Pipe 1.002 Dia 450 Circular CONC 1 in 293; Pipe 1.003 Dia 450 Circular CONC 1 in 325
STORMWATER LENGTHS	8.511, 72.045
FOULWATER COVER LEVEL	76.601, 76.446, 75.827
FOULWATER INVERT	74.245, 74.164, 74.164, 73.979
FOULWATER DETAILS	Pipe 1.001 Dia 150 Circular CLAY 1 in 134; Pipe 1.002 Dia 150 Circular CLAY 1 in 134
FOULWATER LENGTHS	10.847, 24.832

ROAD 4



ROAD 4	
CHAINAGE	0.000, 3.012, 10.000, 15.293, 20.000, 30.000
EXISTING GROUND LEVEL	75.924, 75.758, 75.653, 75.564
ALIGNMENT LEVEL	76.126, 75.952
VERTICAL ALIGNMENT	G= -2.500% 1: -40.0
HORIZONTAL ALIGNMENT	R= 30.000

MANHOLE SCHEDULE
FOUL WATER

Manhole Number / Coordinates	Cover Level / Depth To Soffit	Connections		Pipe Code	Inverts	Diams Inv-soff	Manhole Size	Types Manhole	Types Cover
F1 E. 456740.376 N. 222254.420	76.929 1.899		0	1.000	74.880	150	1200	TYPE 2	D400
F2 E. 456788.498 N. 222265.130	76.601 2.206		1	1.000	74.245	150	1200	TYPE 2	D400
			0	1.001	74.245	150			
F3 E. 456793.355 N. 222255.431	76.444 2.130		1	1.001	74.164	150	1200	TYPE 2	D400
			0	1.002	74.164	150			

MANHOLE SCHEDULE
HIGHWAY DRAIN

Manhole Number / Coordinates	Cover Level / Depth To Soffit	Connections		Pipe Code	Inverts	Diams Inv-soff	Manhole Size	Types Manhole	Types Cover
S1 E. 456859.349 N. 222277.173	76.172 0.932		0	1.000	74.790	450	1500	CATCHPIT TYPE C4	D400
S2 E. 456818.956 N. 222274.130	76.413 1.309		1	1.000	74.654	450	1500	CATCHPIT TYPE C4	D400
			0	1.001	74.654	450			
S3 E. 456793.514 N. 222264.263	76.577 1.564		1	1.001	74.563	450	1500	CATCHPIT TYPE C4	D400
			2	2.000	74.563	450			
			0	1.002	74.563	450			
S4 E. 456795.736 N. 222256.048	76.387 1.403		1	1.002	74.534	450	1500	CATCHPIT TYPE C4	D400
			0	1.003	74.534	450			
S8 E. 456748.852 N. 222252.990	76.875 1.708		0	2.000	74.717	450	1500	CATCHPIT TYPE C4	D400

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Notes

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3. This drawing should be read in conjunction with all other relevant drawings and specifications.

ADOPTABLE DRAINAGE KEY (SURFACE / FOUL)

- Existing Manhole
- Proposed Adoptable Manhole
- Backdrop to Manhole
- Flow Control Chamber
- Existing road gully
- Adoptable road gully

PRIVATE DRAINAGE KEY (SURFACE / FOUL)

- Shallow access chamber max depth 600mm
- Inspection chamber max depth 1.20m
- Inspection chamber (restricted access) Depth 1.2-3m
- Rectangular PCC manhole depth greater than 1.20m.
- Soil and stub stacks
- Catchpit
- Rainwater downpipe
- Linear drain
- Road gully
- Yard gully
- Rodding eye
- Distribution into Permeable Paving Sub-base

GENERAL KEY

- +40.98 Existing ground levels.
- +74.80 Proposed finished levels.
- 68.21 Building finished floor level.
- DPC Raised DPC by 150mm.
- U/B Underbuild.
- Site boundary
- Tree protection zone

PAVING FINISHES KEY

ADOPTABLE

- Blacktop Road Construction
- Blacktop Footway Construction
- Footway Construction (Concrete Paving Slabs)
- Vehicle Crossover Construction (Concrete Paving Slabs)
- Blockwork Road Construction. Impermeable. Service Margin and Crossings. Mid Grey / Light Grey / Cool Grey / Buff
- Blockwork Road Construction. Permeable. Mid Grey / Light Grey / Cool Grey
- Verge Construction

PRIVATE

- Blockwork Drive Construction. Permeable. Mid Grey / Light Grey / Cool Grey / Tegula
- Patio Slabs

KERBING KEY

- Tactile paving (colour to be confirmed) with Flush (0-6mm upstand) Conservation Kerb and Channel Block.
- DK DK Conservation Dropper Kerbs.
- Conservation Kerb and Channel Block. Silver Grey. 160mm upstand.
- Conservation Kerb and Channel Block. Silver Grey. 25mm upstand.
- Conservation Kerb and Channel Block. Silver Grey. Flush (0-6mm) upstand.
- Conservation Kerb. Silver Grey. Flush.
- Edging Kerbs Type EF. Flush.

BOUNDARY TREATMENT KEY

- 1.8m Close Boarded Fence. Dashed Line indicates Gravel Board.
- Timber Knee Rail
- Natural Wattle Fencing
- 1.8m Masonry Wall
- 1.5m Masonry Wall with 0.3m Trellis
- 0.6m Vernacular Brick Wall
- 0.9m Black Metal Railing with Formal Hedge
- 1.2m Black Metal Railing
- 1.2m Black Metal Railing with Plinths

Rev	Description	By	Ckd	Date
P4	Base layout updated. Manhole types amended.	JB	KMc	16.08.16
P3	Updated to latest base layout.	JB	KMc	29.07.16
P2	Updated to latest base layout.	JB	KMc	22.07.16
P1	FIRST ISSUE	JB	KMc	04.07.16

For guidance only. Do not scale off this drawing

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Client Bellway

Project Kingsmere, Bicester KM5 & KM22

Title Road 1 Construction Information

Status	Scale	Date Created
Preliminary	1:200 @A0	04.07.2016
Project Leader KMc	Drawn By JB	Checked by KMc

Drawing Number JKK8310 _103 Rev P4

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