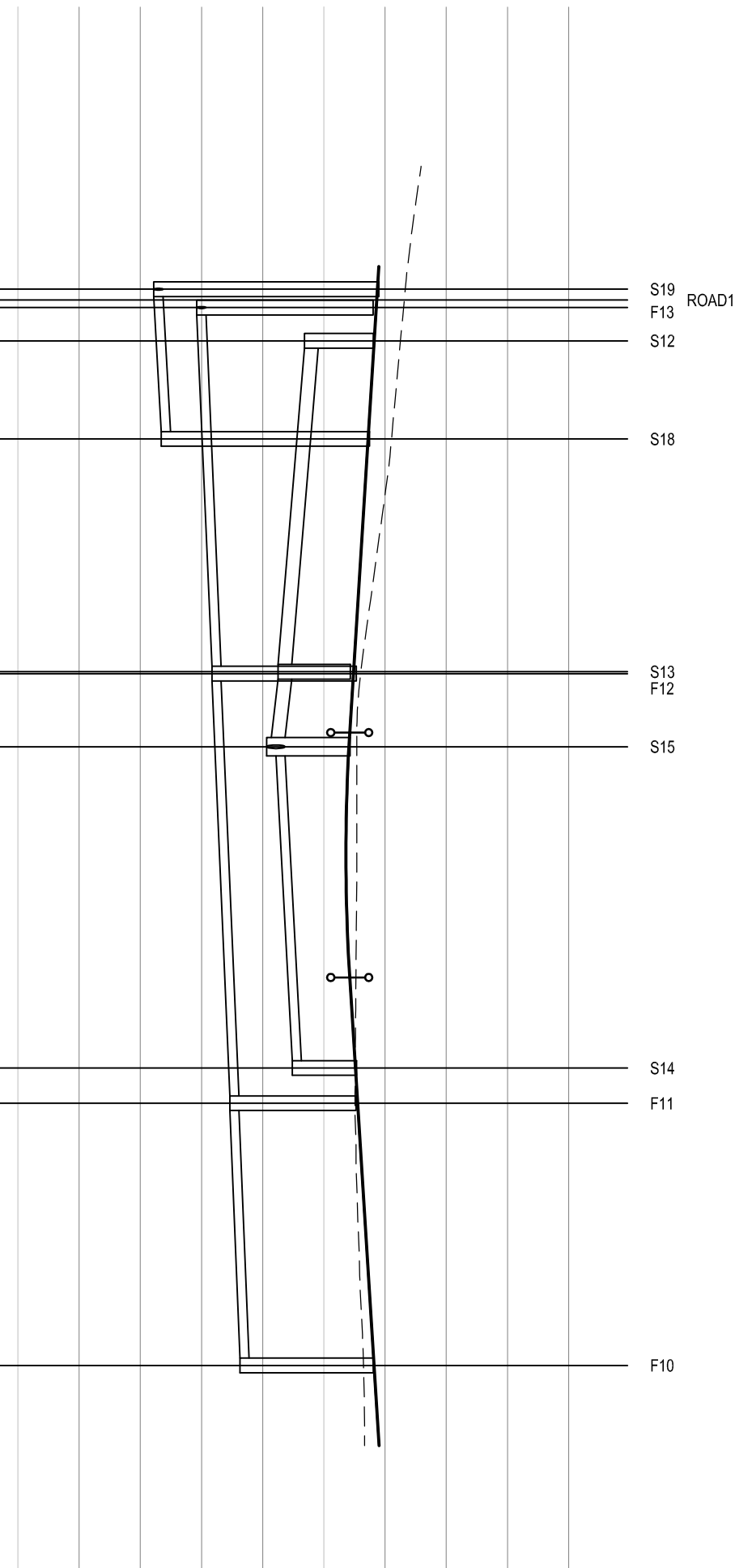
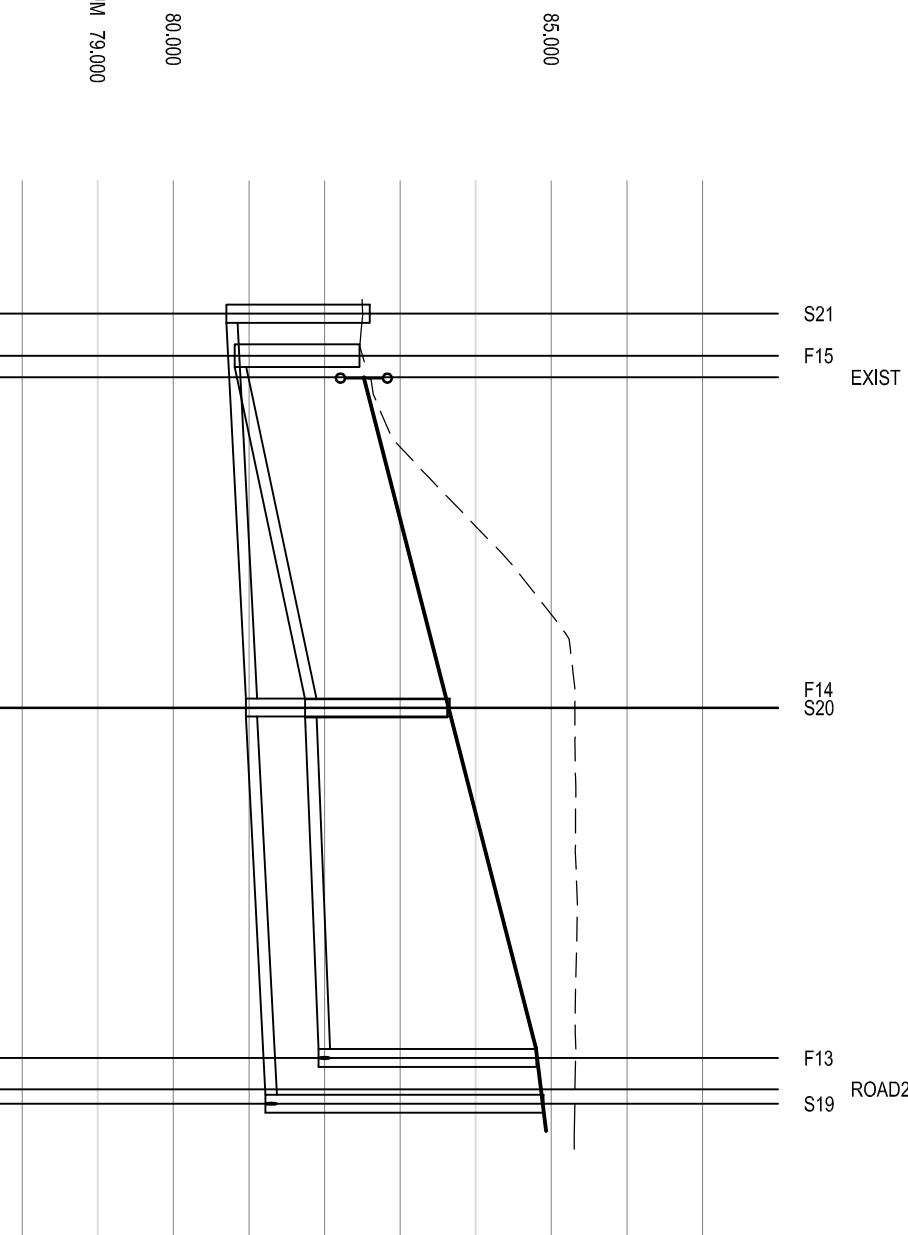
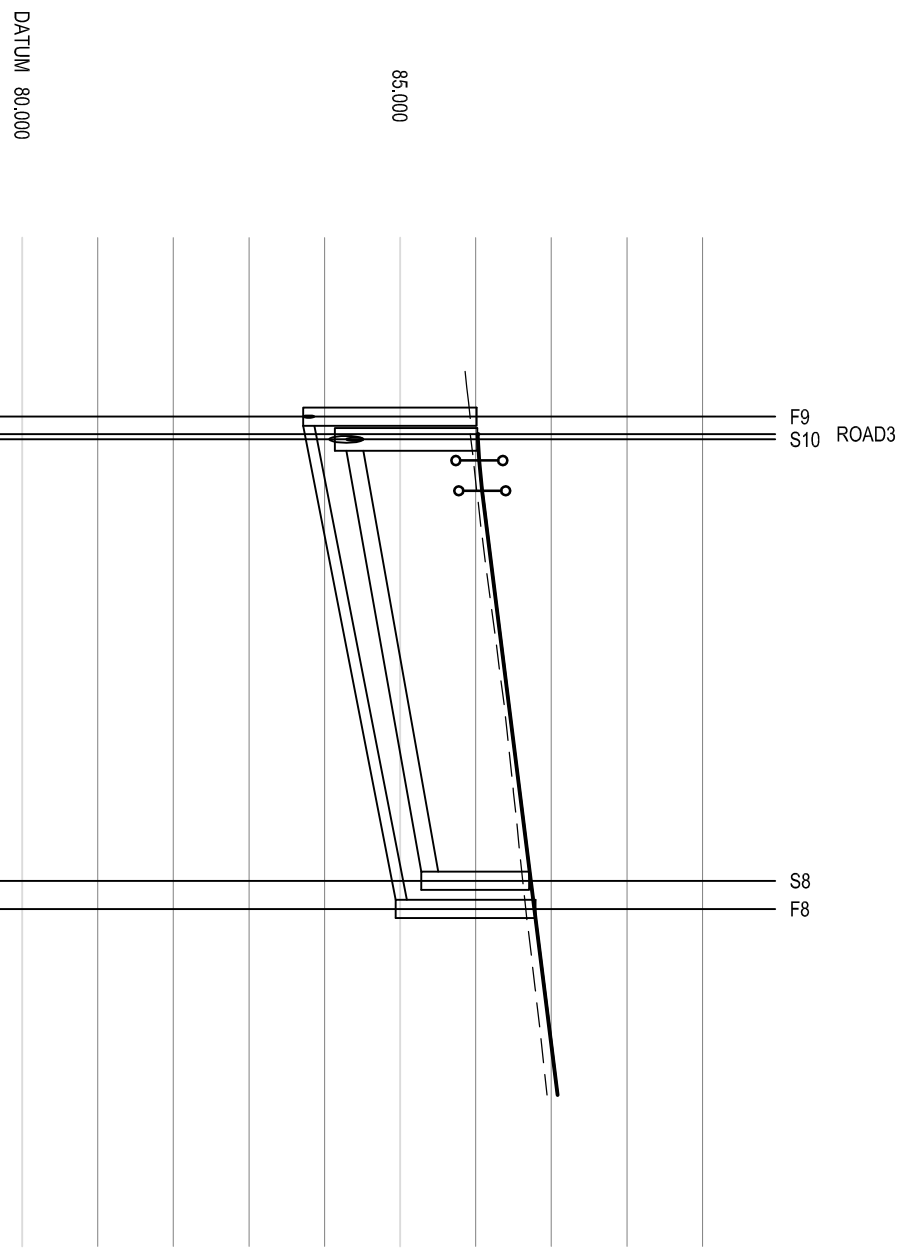


NOTE
FINISHED LEVELS IN SHARED SURFACE
AREAS ARE TO BE +75mm HIGHER THAN
LEVELS SHOWN.



CHANNEL CHARGE		-4.212	
		-1.433	
		0.000	
		0.050	
		6.034	
		6.986	
EXISTING GROUND LEVEL	83.527		
	85.029		
ALIGNMENT LEVEL	84.031		
	84.545		
	85.059		
	85.572		
	85.795		
	86.312		
VERTICAL ALIGNMENT	G=5.108%		
	1 : 19.5		
HORIZONTAL ALIGNMENT			
	R=32.750		
LEFT HAND CHANNEL	83.896 84.100	84.357 84.614 84.871	85.127 85.384 85.555
RIGHT HAND CHANNEL	83.761 83.963	84.219 84.476 84.733	84.990 85.247 85.418
CENTRE LINE	83.828 83.829 84.031 84.288 84.545 84.802 85.059 85.315 85.487 85.572 85.795		
STORMWATER COVER LEVEL	83.600	84.657	85.898
STORMWATER INVERT	81.701	81.959 81.959	82.220
STORMWATER DETAILS	Pipe 1,009 Dia 150 Circular Plastic 1 ft 10"	Pipe 1,009 Dia 150 Circular Plastic 1 ft 10"	
	25.810	26.119	
STORMWATER LENGTHS			
FOLLOWER COVER LEVEL	83.462	84.622	85.804
FOLLOWER INVERT	81.812	82.744 82.744	82.923
FOLLOWER DETAILS	Pipe 1,009 Dia 150 Circular Plastic 1 ft 25"	Pipe 1,008 Dia 150 Circular Plastic 1 ft 130"	
	23.429	23.265	
FOLLOWER LENGTHS			

[illegible][illegible]

NOTES				REV	DESCRIPTION	SIG	CHK	DATE
1. All pipes shall be either: A - Vitrified clay to BS EN 256 with a minimum crushing strength as below:- 150 dia. - 40 N/m ² 225 dia. - 60 N/m ² 300 dia. - 72 N/m ² B - PVC (certified to MS A-4545) C - Class 12 concrete to BS 5911-1:2002/EN 1916. 2. All pipes should always connect safely to existing works otherwise. 3. All sewers to have BS1 Materials status (certified to MS A-4541 & BS 1470). Maximum pipe length to be 3m. 4. Plastic channel sections in manholes are not acceptable. Drip channel sections shall be used. 5. Manholes covers shall have a clear opening of 600mm and shall be class B400 to BS EN 124 with 150 square frames in highways. Covers to have double flangings and are to be bedded on sand slating with 1:3 mortar haunching. 6. Pipes entering manholes and road gullies shall have a lapped joint with 600 of the inside the manhole or gully, joining with a short socket pipe. 7. The adoptable sewers should be a minimum of 1m and manholes 1.5m from kerb, posts and service manholes. 8. Sewers must have an clearance from trees and hedges (refer to Figure 2.21 page 33 in 'Sewers for Adoption' 8th Edition for restrictions on tree planting adjacent to sewers). 9. All trenches in rock and gravel areas shall be backfilled with Type 1 MOT granular sub-base material, or other granular material approved by the highway authority. 10. Field ground must be filled and consolidated under the supervision and to the satisfaction of Yorkshire Water before any sewer works are carried out. 11. All fields concrete to be adopted must be RTD2 or BS 6800-1, unless agreed otherwise. 12. The next level at the proposed point of connection to existing public sewers shall be checked before any new drains are constructed. Any variation to the levels shown on the drawing shall be notified to Eastwood & Partners. 4.49.42 (Table 2) for PVC pipes.				A	First issue.			
13. The chamber size of manholes with more than one connection in them may need to be increased by an amount to accommodate the connections and bends. 14. Cover levels are indicative only. Covers to be set to suit a cross gradient of existing and proposed roads. 15. Cover plates and covers the BS1 format or will be selected by the Yorkshire Water Engineer. When the clear opening of the fabricated product is different to that of the cover and frame, a lapped fitting also should be fitted above the cover slab to bring the size down to 600x600, refer to CPSE 1 Technical Bulletin issued autumn 2004 for fabricated cover slab opening sizes. 16. Vitrified water pipes is not to exceed Type 'C' thick manholes and 1050mm manhole rings, unless user Type 'B' or 'C' is specified. For 200mm or 150mm rings, with the opening and over the current where depth of cover to pipe is 1.5m or less. 17. All adoptable sewer works and materials to be in accordance with Sewers for Adoption 8th Edition, the relevant British/European standards and the instructions to the manufacturer and electrical specification and be referenced. 18. Yorkshire Water is not obliged to accept land drainage run off into the public sewer network or acceptable drainage system (directly or indirectly). An alternative method of disposal of land drainage will therefore be required and you will have to liaise with the local authority (see land drainage section with regard to the disposal of land drainage.				B	Start of Road 2 turned at start drainage	RJ	CH	11.08.16
MILLER HOMES								
HONEYWELL LANE, BARNSELEY								
SCALE WHEN PLOTTED AT A1 1:100H 1:500 V								
DRAWING STATUS PRELIMINARY								
DRAWN (CHECKED) DATE DRAWING NUMBER REV								
RJ CH 12.07.16 38903/015 B								
Eastwood & Partners CONSULTING ENGINEERS St Andrew's House 225 Kingfield Road Stherfield S11 9AS Tel 0114 235 4554 Fax 0114 235 4330 mail@eastwoodpartners.com www.eastwoodpartners.com				EOP				