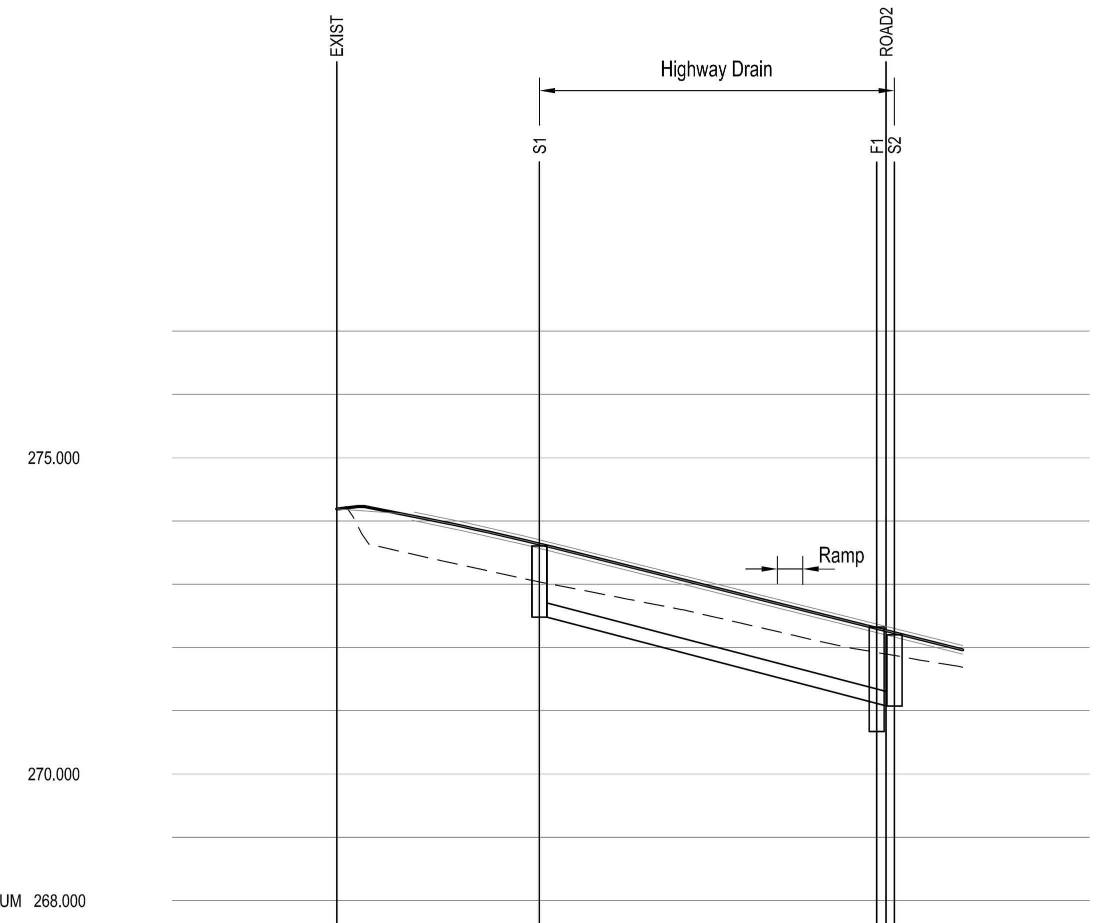
H-3-263-798

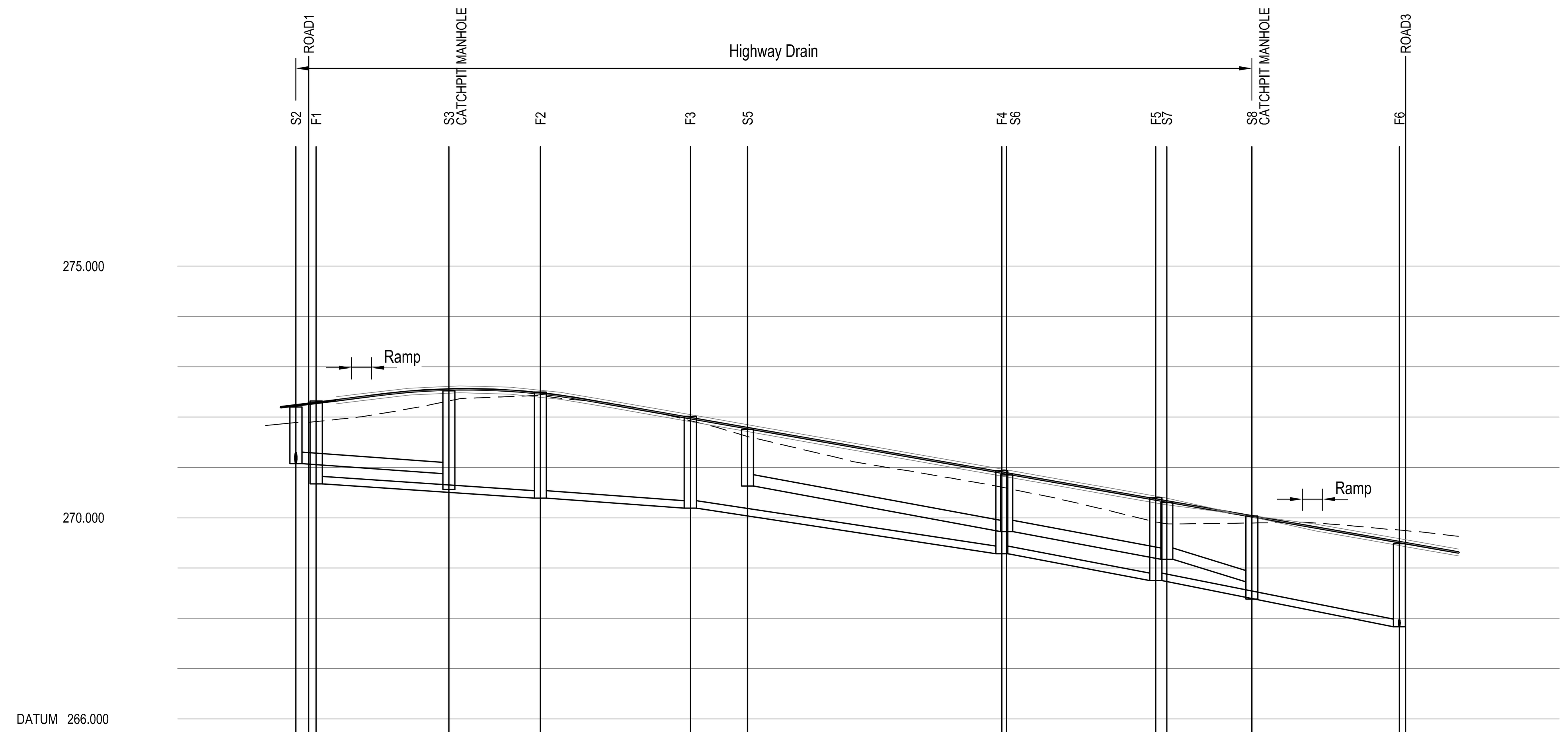
INFORMATION WITHIN THIS DRAWING IS NOT NECESSARILY PRODUCED TO SCALE. ALWAYS USE FIGURED DIMENSIONS AND CO-ORDINATES - IF IN DOUBT, ASK.

ROAD1



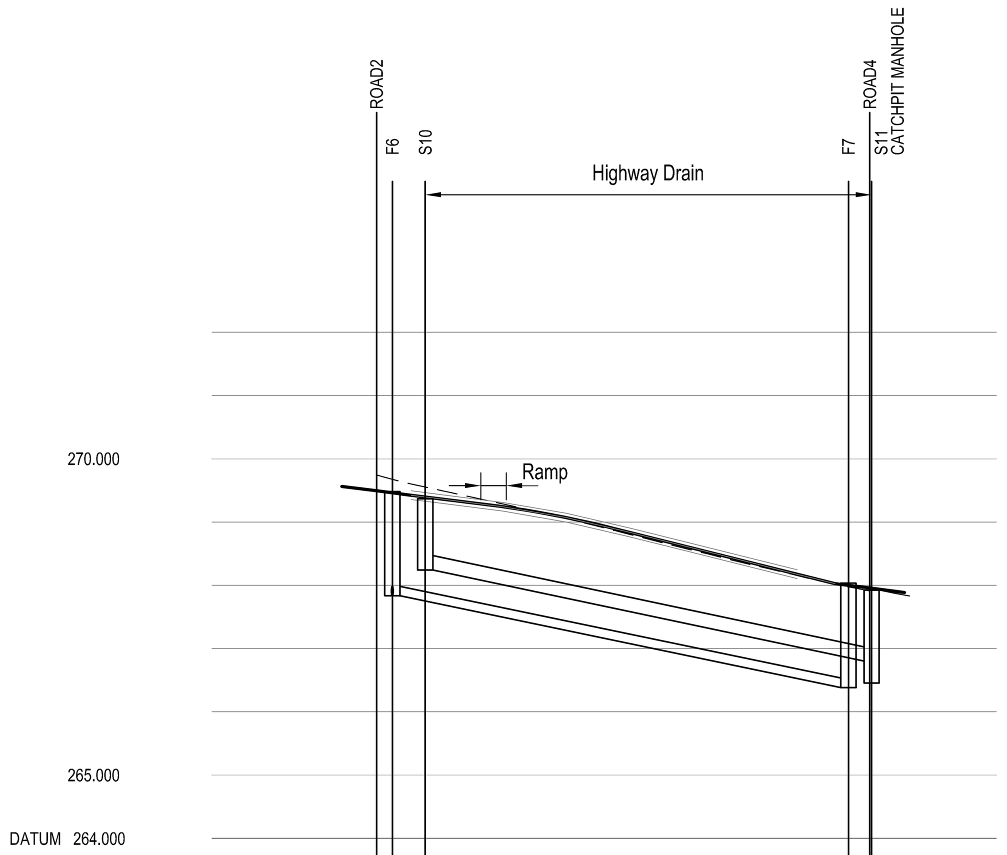
Band	Values
CHAINAGE	0.060, 1.885, 2.500, 7.000, 10.000, 16.028, 17.000, 20.000, 30.000, 40.000, 42.696, 44.101, 49.493
EXISTING GROUND LEVEL	274.188, 273.298, 272.882, 272.477, 272.016, 271.689
ALIGNMENT LEVEL	274.188, 274.225, 274.217, 274.037, 273.913, 273.587, 273.437, 272.937, 272.437, 271.963
VERTICAL ALIGNMENT	G= 2.500% 1: 40.0; L= 1.000 KF= -0.15385; G= -4.000% 1: -25.0; L= 10.000 KF= -10.0; G= -5.000% 1: -20.0
HORIZONTAL ALIGNMENT	
LEFT HAND CHANNEL	274.140, 273.981, 273.754, 273.506, 273.256, 273.006, 272.756, 272.506, 272.256, 272.031
RIGHT HAND CHANNEL	274.010, 274.003, 273.844, 273.616, 273.368, 273.118, 272.868, 272.618, 272.368, 272.118, 271.894
CENTRE LINE	274.079, 274.071, 273.913, 273.685, 273.437, 273.187, 272.937, 272.687, 272.437, 272.187, 271.963
STORMWATER COVER LEVEL	273.605, 272.201
STORMWATER INVERT	272.480, 271.076
STORMWATER DETAILS	Pipe 1.000 Dia 225 Circular CLAY 1 in 20
STORMWATER LENGTHS	28.073
FOULWATER COVER LEVEL	272.321
FOULWATER INVERT	
FOULWATER DETAILS	
FOULWATER LENGTHS	

ROAD2



Band	Values
CHAINAGE	0.000, 2.750, 7.343, 10.000, 13.932, 15.677, 20.000, 22.221, 23.792, 27.343, 30.000, 36.723, 37.905, 40.000, 43.580, 50.000, 60.000, 68.045, 69.616, 80.000, 83.337, 84.908, 85.217, 90.000, 93.664, 100.000, 108.311, 110.000, 114.175
EXISTING GROUND LEVEL	271.895, 272.165, 272.407, 272.273, 271.827, 271.312, 270.917, 270.559, 270.115, 269.884, 269.892, 269.724, 269.629
ALIGNMENT LEVEL	272.333, 272.448, 272.504, 272.552, 272.552, 272.524, 272.422, 272.348, 272.255, 271.905, 271.555, 271.205, 270.855, 270.505, 270.155, 269.805, 269.455, 269.309
VERTICAL ALIGNMENT	G= 2.500% 1: 40.0; L= 20.000 KF= -3.33333; G= -3.500% 1: -28.6
HORIZONTAL ALIGNMENT	R= 2.000; R= 2.000; R= 2.000; R= 2.000
LEFT HAND CHANNEL	272.458, 272.573, 272.621, 272.593, 272.491, 272.324, 272.149, 271.974, 271.799, 271.624, 271.449, 271.274, 271.099, 270.924, 270.749, 270.574, 270.399, 270.178, 269.957, 269.737, 269.562, 269.387, 269.240
RIGHT HAND CHANNEL	272.321, 272.435, 272.483, 272.456, 272.353, 272.187, 272.012, 271.837, 271.662, 271.487, 271.312, 271.137, 270.962, 270.787, 270.612, 270.437, 270.262, 270.132, 270.003, 269.874, 269.699, 269.524, 269.378
CENTRE LINE	272.390, 272.504, 272.552, 272.524, 272.422, 272.255, 272.080, 271.905, 271.730, 271.555, 271.380, 271.205, 271.030, 270.855, 270.680, 270.505, 270.330, 270.155, 269.980, 269.805, 269.630, 269.455, 269.309
STORMWATER COVER LEVEL	272.201, 272.521, 271.754, 270.850, 270.300, 270.031
STORMWATER INVERT	271.076, 270.876, 270.629, 269.725, 269.725, 269.175, 269.175, 268.725
STORMWATER DETAILS	Pipe 1.001 Dia 225 Circular CLAY 1 in 76; Pipe 1.000 Dia 225 Circular CLAY 1 in 28; Pipe 1.001 Dia 225 Circular CLAY 1 in 27; Pipe 1.002 Dia 225 Circular CLAY 1 in 19
STORMWATER LENGTHS	15.202, 24.947, 14.818, 8.448
FOULWATER COVER LEVEL	272.321, 272.496, 272.012, 270.934, 270.399, 269.483
FOULWATER INVERT	270.671, 270.388, 270.388, 270.189, 270.189, 269.284, 269.284, 268.749, 268.749, 267.833
FOULWATER DETAILS	Pipe 1.000 Dia 150 Circular CLAY 1 in 80; Pipe 1.001 Dia 150 Circular CLAY 1 in 80; Pipe 1.002 Dia 150 Circular CLAY 1 in 35; Pipe 1.003 Dia 150 Circular CLAY 1 in 31; Pipe 1.004 Dia 150 Circular CLAY 1 in 27
FOULWATER LENGTHS	22.610, 15.916, 31.737, 16.413, 24.749

ROAD3



Band	Values
CHAINAGE	0.000, 2.750, 3.846, 8.758, 10.000, 15.000, 18.758, 20.000, 30.000, 33.236, 37.295, 38.986, 39.125
EXISTING GROUND LEVEL	269.743, 269.285, 268.805, 268.309, 267.910
ALIGNMENT LEVEL	269.424, 269.274, 269.241, 269.069, 268.899, 268.837, 268.337, 268.025
VERTICAL ALIGNMENT	G= -2.500% 1: -40.0; L= 10.000 KF= -4.0; G= -5.000% 1: -20.0
HORIZONTAL ALIGNMENT	
LEFT HAND CHANNEL	269.437, 269.310, 269.138, 268.906, 268.656, 268.406, 268.244
RIGHT HAND CHANNEL	269.299, 269.172, 269.000, 268.768, 268.518, 268.268, 268.106
CENTRE LINE	269.368, 269.241, 269.069, 268.837, 268.587, 268.337, 268.175, 268.087, 268.025
STORMWATER COVER LEVEL	269.368, 267.925
STORMWATER INVERT	268.243, 266.800
STORMWATER DETAILS	Pipe 1.000 Dia 225 Circular CLAY 1 in 24
STORMWATER LENGTHS	35.278
FOULWATER COVER LEVEL	269.483, 268.034
FOULWATER INVERT	267.833, 266.384
FOULWATER DETAILS	Pipe 1.005 Dia 150 Circular CLAY 1 in 25
FOULWATER LENGTHS	36.054

NOTES

1. All pipes shall be either:

   A - Vitrified clay to BS EN 295 with a minimum crushing strength as follow :-
   150 dia. - 40 kN/m
   225 dia. - 45 kN/m
   300 dia. - 72 kN/m

   B - PVC (certified to WIS 4-35-01 & BS EN 13476)

   C - Class 120 concrete to BS 5911-1:2002/EN 1916.
2. All pipes should always connect soffit to soffit unless noted otherwise.
3. All sewers to have BSI kitemark status (certified to WIS 4-35-01 & BS EN 13476). Maximum pipe length to be 3m. Plastic channel sections in manholes are not acceptable. Clay channel sections shall be used.
4. Sewers to be laid in Class "S" bedding (150mm granular bed and surround). Where depth of cover to soffit is less than 1.2m in highways and verges (or less than 900mm in none vehicular access areas) then a reinforced 150mm concrete slab should be provided above granular bed and surround. Bedding and backfill material to conform to WIS 4-08-02 (Table 2) for PVC pipes.
5. Manhole covers shall have a clear opening of 600 and shall be class D400 to BS EN 124 with 150 deep frames in highways. Covers to have closed keyways and are to be bedded on steel shims with 1:3 mortar haunching.
6. Pipes entering manholes and road gullies shall have a flexible joint within 600 of the inside the manhole or gully joining with a short Rocker pipe.
7. The adoptable sewers should be a minimum of 1m and manholes 0.5m from kerb faces and service margins.
8. Sewers must have 5m clearance from trees and hedges (refer to Figure 2.3 page 33 in "Sewers For Adoption"6th Edition for restrictions on tree planting adjacent to sewers).
9. All trenches in roads and paved areas shall be backfilled with Type 1 DOT granular sub-base material, or other granular material approved by the highway authority.
10. Filled 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 insitu concrete to be designated mix FND2 to BS 8500-1 unless agreed otherwise.
12. The invert levels at the proposed points 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.
13. The chamber size of manholes with more than one connection in them may need to be increased by an increment to accommodate the connections and bends.
14. Cover levels are indicative only. Covers to be set to suit camber/gradient of existing and proposed roads.
15. Cover slabs must carry the BSI Kitemark or will be rejected by the Yorkshire Water inspector. Where the clear opening of the Kitemarked product is different to that of the cover and frame, a load bearing slab should be fitted above the cover slab to bring the size down to 600x600. refer to CPSA Technical Bulletin issued autumn 2004 for Kitemarked cover slab opening sizes.
16. Yorkshire water policy is not to accept Type "C" brick manholes and 1050mmØ manhole rings. Instead use Type "B" manhole with 1200mmØ or 1500mmØ rings, with the opening sited over the channel where depth of cover to pipe soffit is 1-1.5m.
17. All adoptable sewer works and materials to be in accordance with Sewers for Adoption 6th Edition, the relevant British/European standards/requirements/addendum to the mechanical and electrical specification and be kitemarked.
18. Yorkshire Water is not obliged to accept land drainage run off into the public sewer network or adoptable 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 land drainage section with regard to the disposal of land drainage.

REV	DESCRIPTION	SIG	CHK	DATE
A	First Issue.			

MILLER HOMES

CROSS LANE, SCHOLES

LONG SECTIONS - SHEET 1

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SCALE WHEN PLOTTED AT A1	DRAWING STATUS
1:100V 1:500 H	PRELIMINARY

DRAWN	CHECKED	DATE	DRAWING NUMBER	REV
RJ	CH	11.04.17	40600/009	A