

**GENERAL NOTES:**

The Developer/Contractor/Builder is to ensure that the building under construction/alteration is to comply where applicable with the 2010 Building Regulations in respect of all trades involved in the construction of this development.

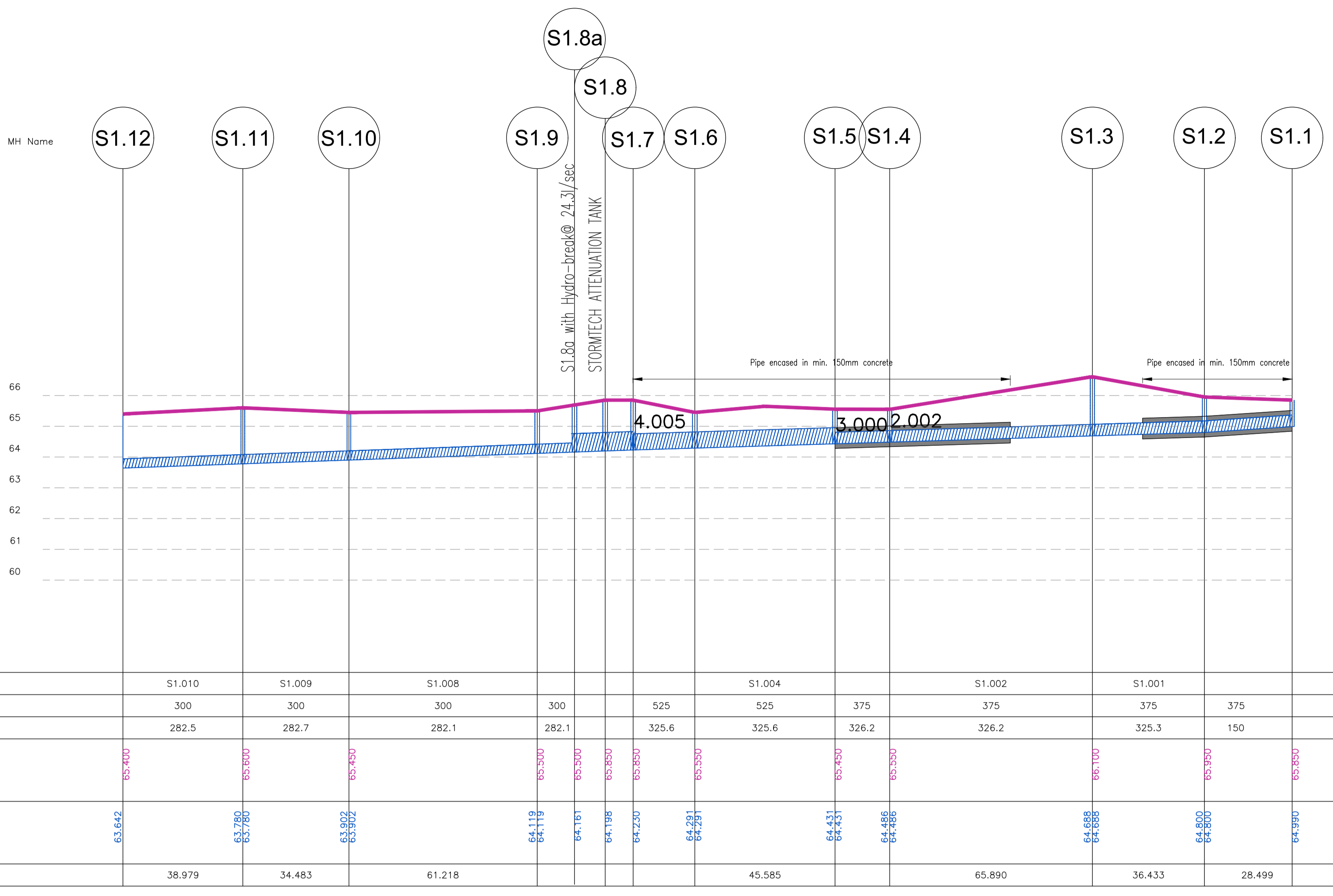
The Developer/Contractor/Builder should notify BCA of any intended deviations from these plans prior to commencement of development.

All Site Development works to be carried out in accordance with "Recommendations for Site Development Works for Housing Areas" Dept. of Environment.

Contractors must verify all dimensions at the job before commencing any work. No working dimensions to be scaled. This drawing is for the purpose of planning only. Dimensions to blockwork only.

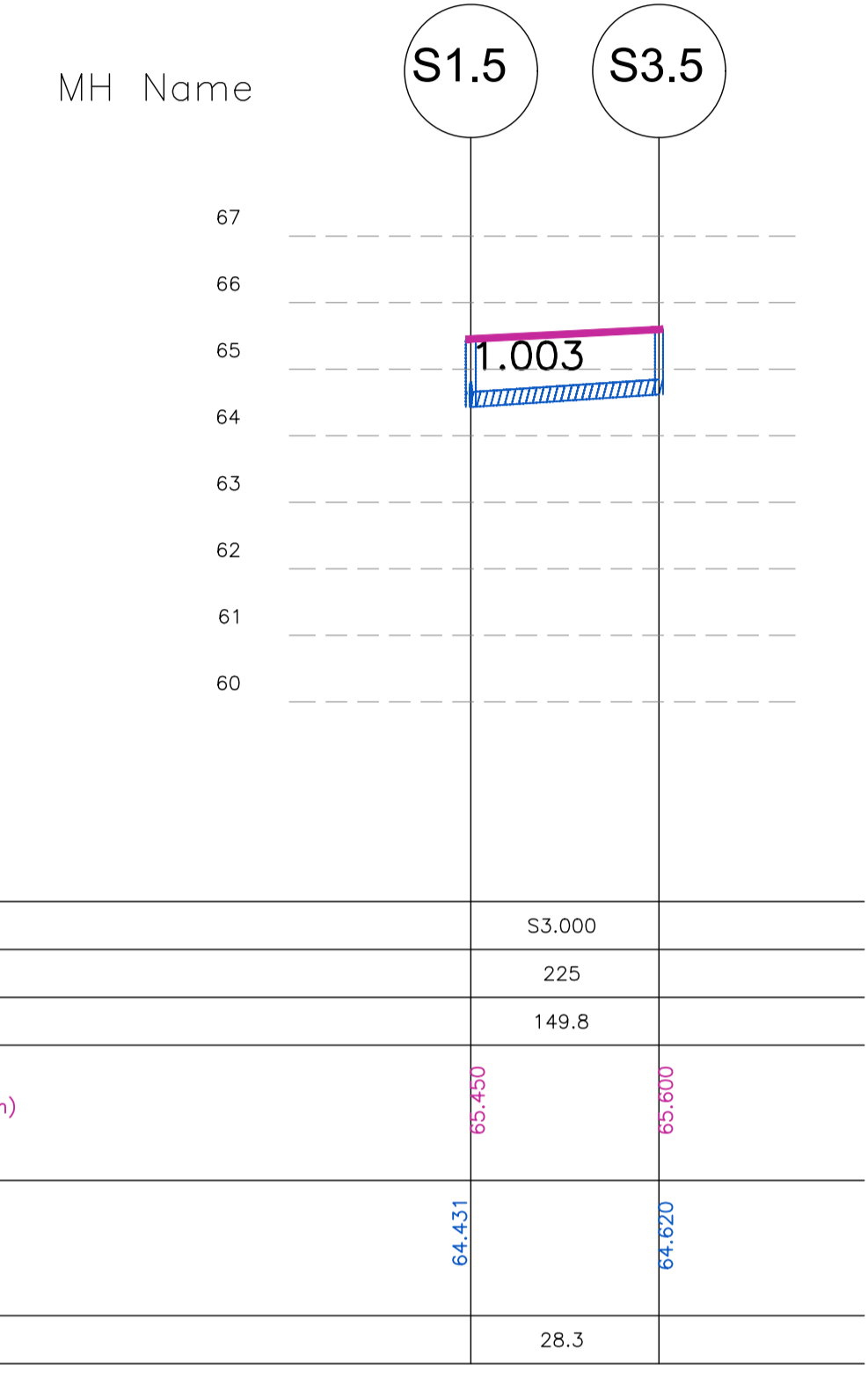
**Revision**

Date	Rev.



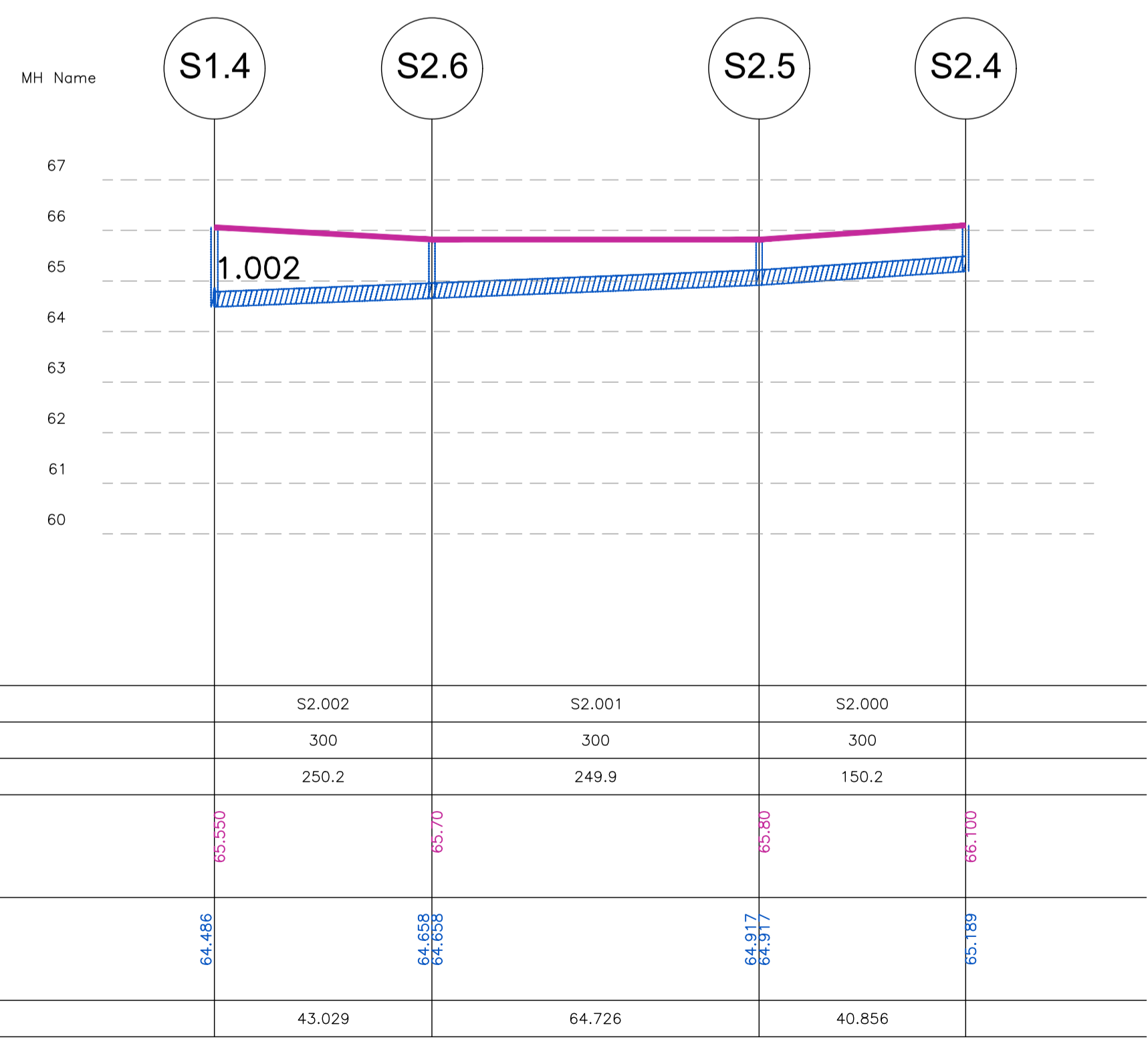
PN	S1.010	S1.009	S1.008	S1.007	S1.006	S1.005	S1.004	S1.003	S1.002	S1.001	
Dia (mm)	300	300	300	300	525	525	375	375	375	375	
Gradient (1:X)	282.5	282.7	282.1	282.1	325.6	325.6	326.2	326.2	325.3	150	
Proposed Cover Level (m)	65.700	65.600	65.750	65.300	65.300	65.350	65.750	65.350	66.100	65.350	
Pipe Invert Level (m)	63.642	63.780 63.780	63.902 63.902	64.119 64.119	64.161 64.161	64.198 64.230	64.291 64.291	64.431 64.431	64.688 64.688	64.800 64.800	64.990 64.990
Length (m)	38.979	34.483	61.218				45.585		65.890	36.433	28.499

Surface Drains Section  
Scale - X 1:1000; Y 1:100



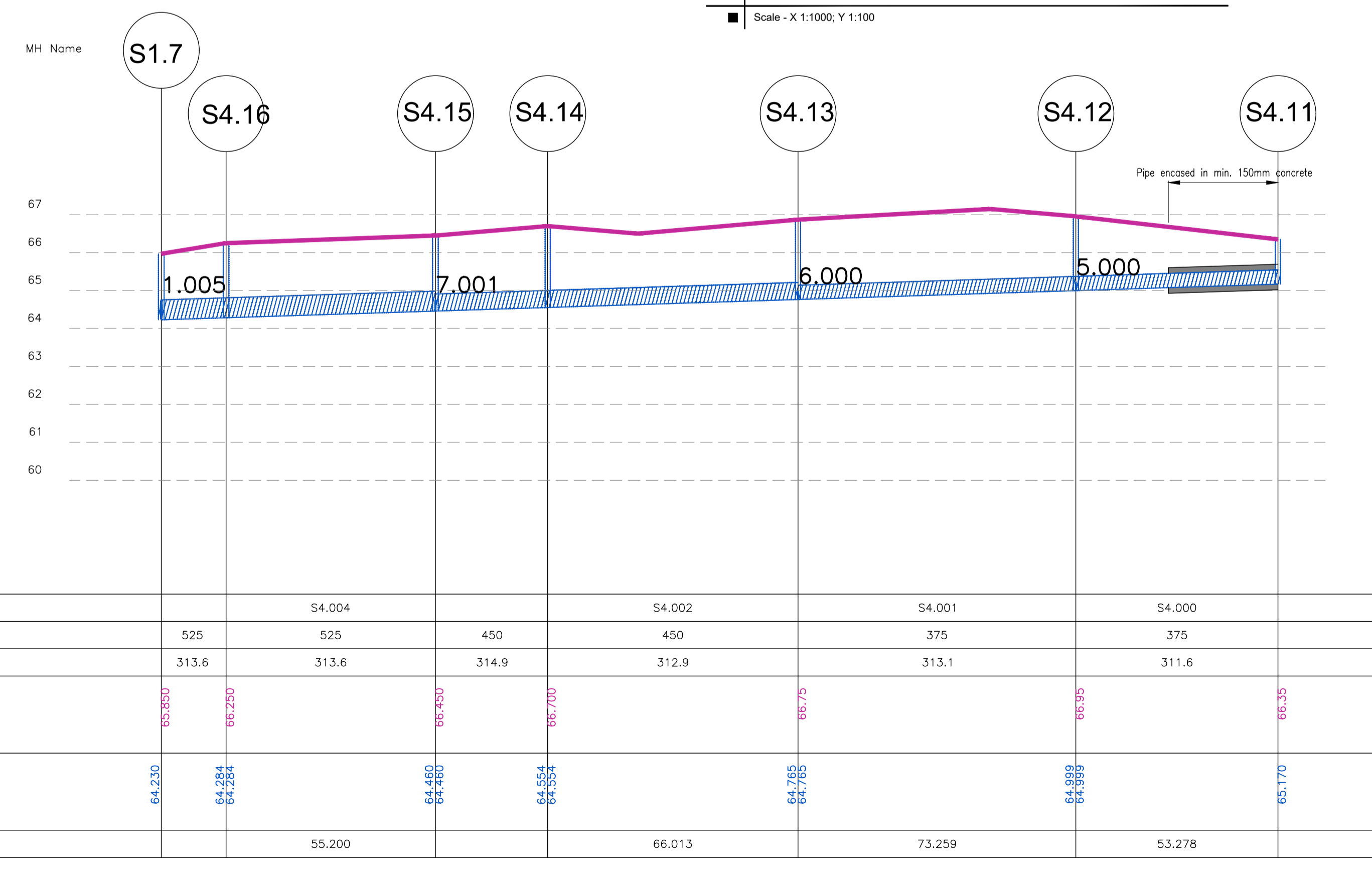
PN	S3.000
Dia (mm)	225
Gradient (1:X)	149.8
Proposed Cover Level (m)	65.350
Pipe Invert Level (m)	64.431 64.620
Length (m)	28.3

Surface Drains Section  
Scale - X 1:1000; Y 1:100



PN	S2.002	S2.001	S2.000
Dia (mm)	300	300	300
Gradient (1:X)	250.2	249.9	150.2
Proposed Cover Level (m)	65.350	65.70	65.30
Pipe Invert Level (m)	64.486	64.663 64.663	64.917 64.917
Length (m)	43.029	64.726	40.856

Surface Drains Section  
Scale - X 1:1000; Y 1:100



PN	S4.004	S4.003	S4.002	S4.001	S4.000
Dia (mm)	525	525	450	450	375
Gradient (1:X)	313.6	313.6	314.9	312.9	313.1
Proposed Cover Level (m)	65.850	65.250	66.450	66.700	66.75
Pipe Invert Level (m)	64.230 64.264 64.264	64.460 64.460	64.564 64.564	64.765 64.765	64.909 64.939
Length (m)	55.200		66.013	73.259	53.278

Surface Drains Section  
Scale - X 1:1000; Y 1:100

NOTE: Please refer to drawings 303-1-1, 303-12 & 303-1-3 or foul / surface water crossover

**Client:** Westar Investments Ltd.

**Job:** Clane KDA1 SHD

**Location:** Lands at Capdoo & Abbeylands, Clane, Co. Kildare

**Drawing Title:** Surface Water Drain Sections  
Sheet 1 of 3

**oca** brian connolly associates  
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**Planning - SHD 02c**

job no	18002
date	18-09-19
scale	As Shown
drawn by	Brian Connolly
cad ref no	
	300
planning ref no	
fire ref no	
drawing no.	18002-303-11