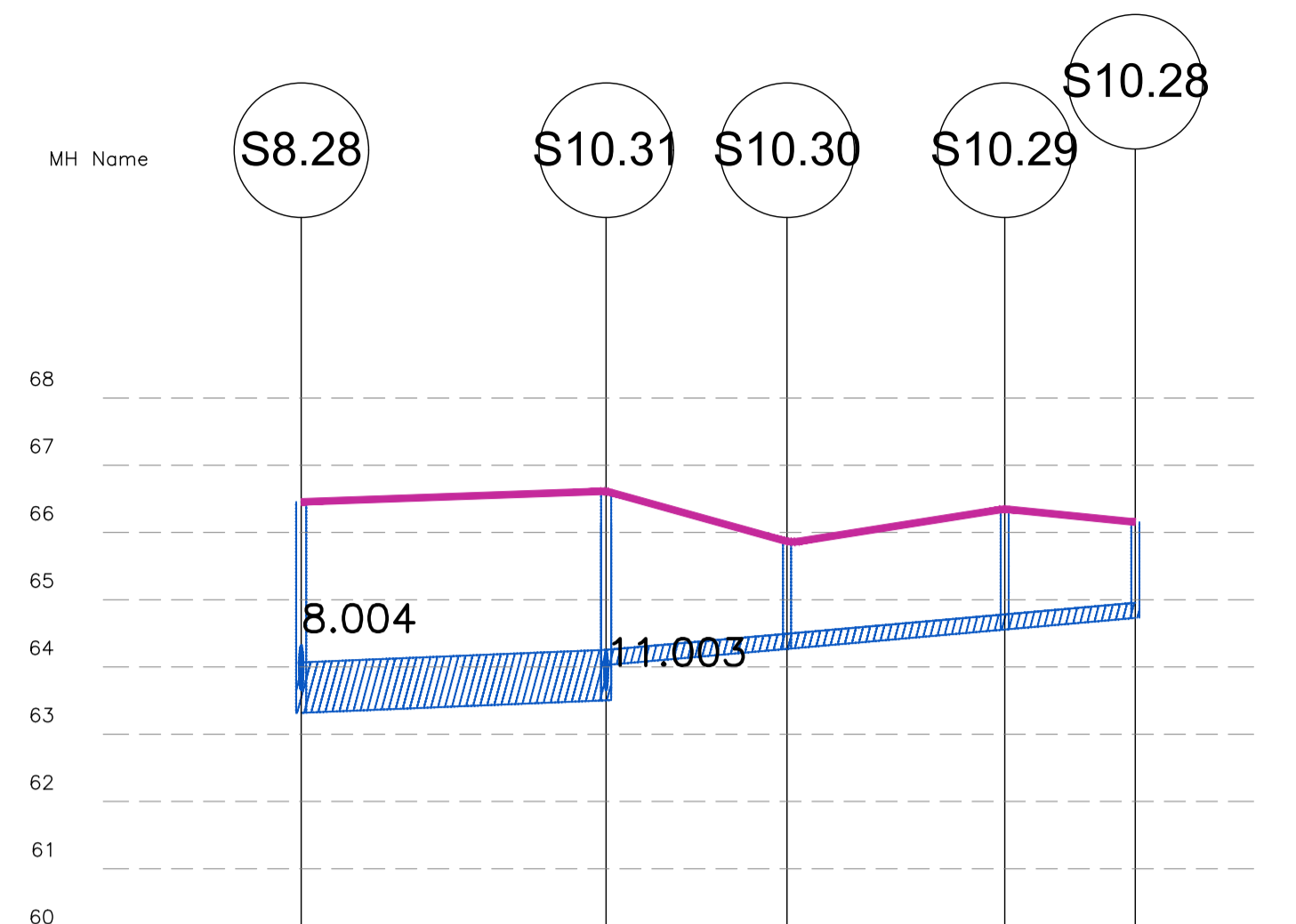


Datum (m)	57.000						
PN	S9.005	S9.004	S9.003	S9.002		S9.000	
Dia (mm)	375	375	375	375	375	375	
Gradient (1:X)	95.4	225.0	225.0	224.9	224.7	224.7	
Proposed Cover Level (m)	67.250	67.200	67.000	66.850	66.400	66.800	66.400
Pipe Invert Level (m)	63.981	64.787	64.828	64.798	64.371	65.088	65.240
Length (m)	46.323	36.289	37.771	39.364		38.645	

Surface Drains Section

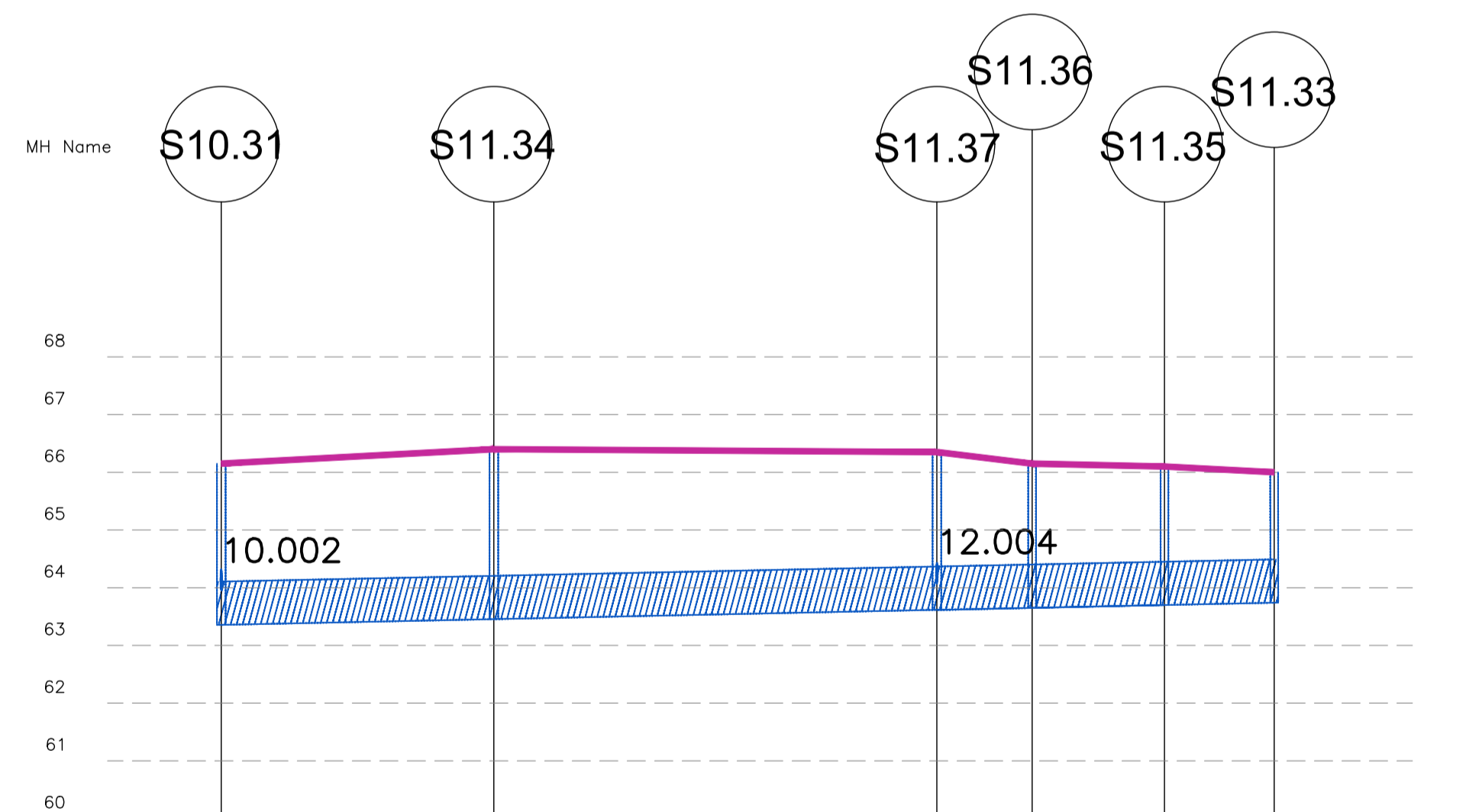
Scale - X 1:1000; Y 1:100



Datum (m)	56.000				
PN	S10.003				
Dia (mm)	750	225	225	225	
Gradient (1:X)	425	115	115	115	
Proposed Cover Level (m)	66.750	66.750	65.850	66.350	66.200
Pipe Invert Level (m)	63.355	63.505	64.032	64.264	64.552
Length (m)	45.348				

Surface Drains Section

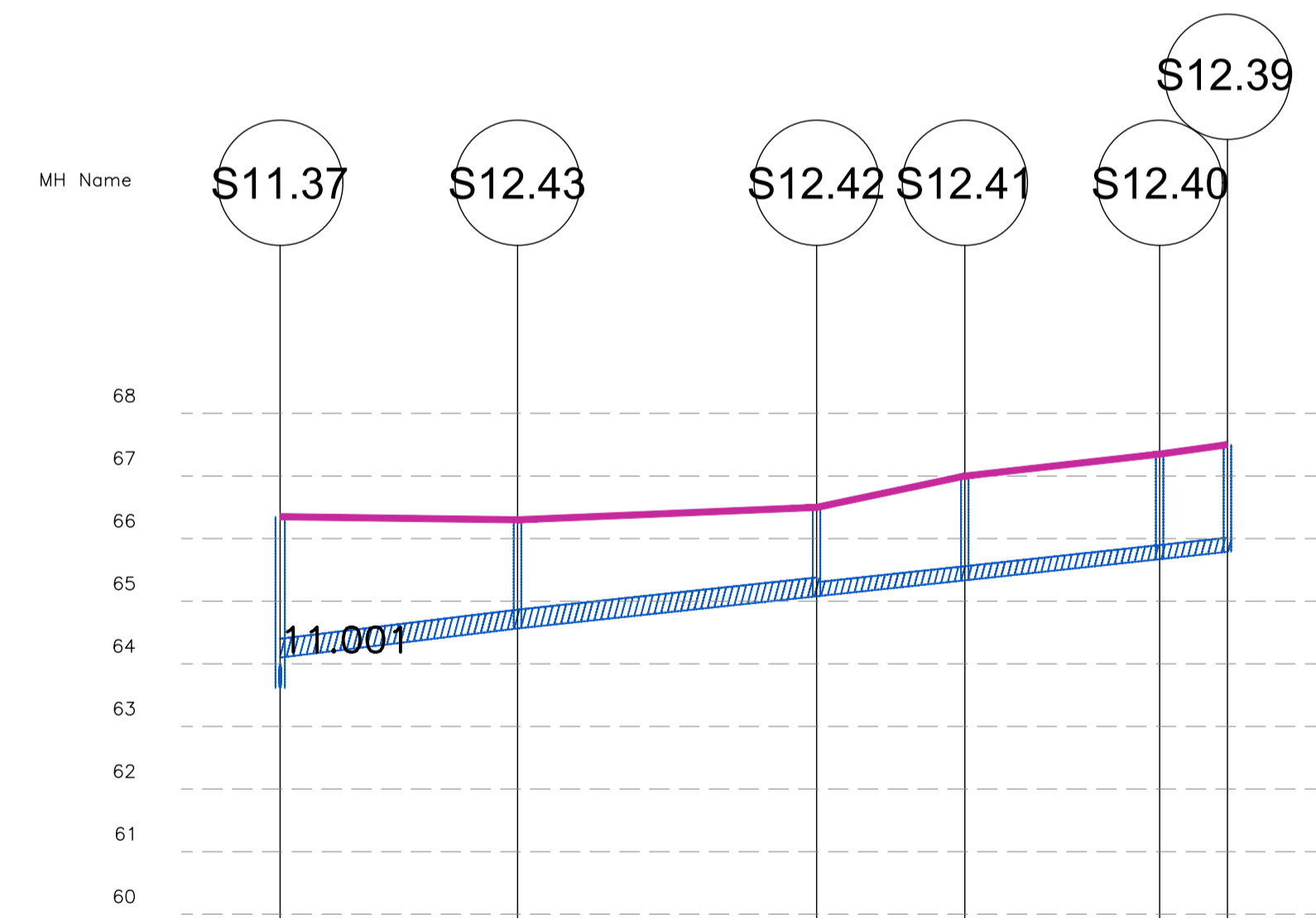
Scale - X 1:1000; Y 1:100



Datum (m)	57.000					
PN	S11.003	S11.002				
Dia (mm)	750	750	750	750	750	
Gradient (1:X)	700.0	750.0	750.0	750.0	750.0	
Proposed Cover Level (m)	66.150	66.400	66.350	66.150	66.100	66.000
Pipe Invert Level (m)	63.355	63.455	63.612	63.593	63.700	63.740
Length (m)	47.229	76.745				

Surface Drains Section

Scale - X 1:1000; Y 1:100



Datum (m)	57.000					
PN	S12.004	S12.003				
Dia (mm)	300	300	300	225	225	
Gradient (1:X)	81.6	93.0	92.0	92.0	92.0	
Proposed Cover Level (m)	66.300	66.300	66.300	67.000	67.300	67.500
Pipe Invert Level (m)	64.100	64.655	65.079	65.334	65.672	65.790
Length (m)	37.931	47.792				

Surface Drains Section

Scale - X 1:1000; Y 1:100

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.

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 3 of 3

oca brian connolly associates CONSULTING ENGINEERS

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e: bcassoc@eircom.net

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. 18002-303-13