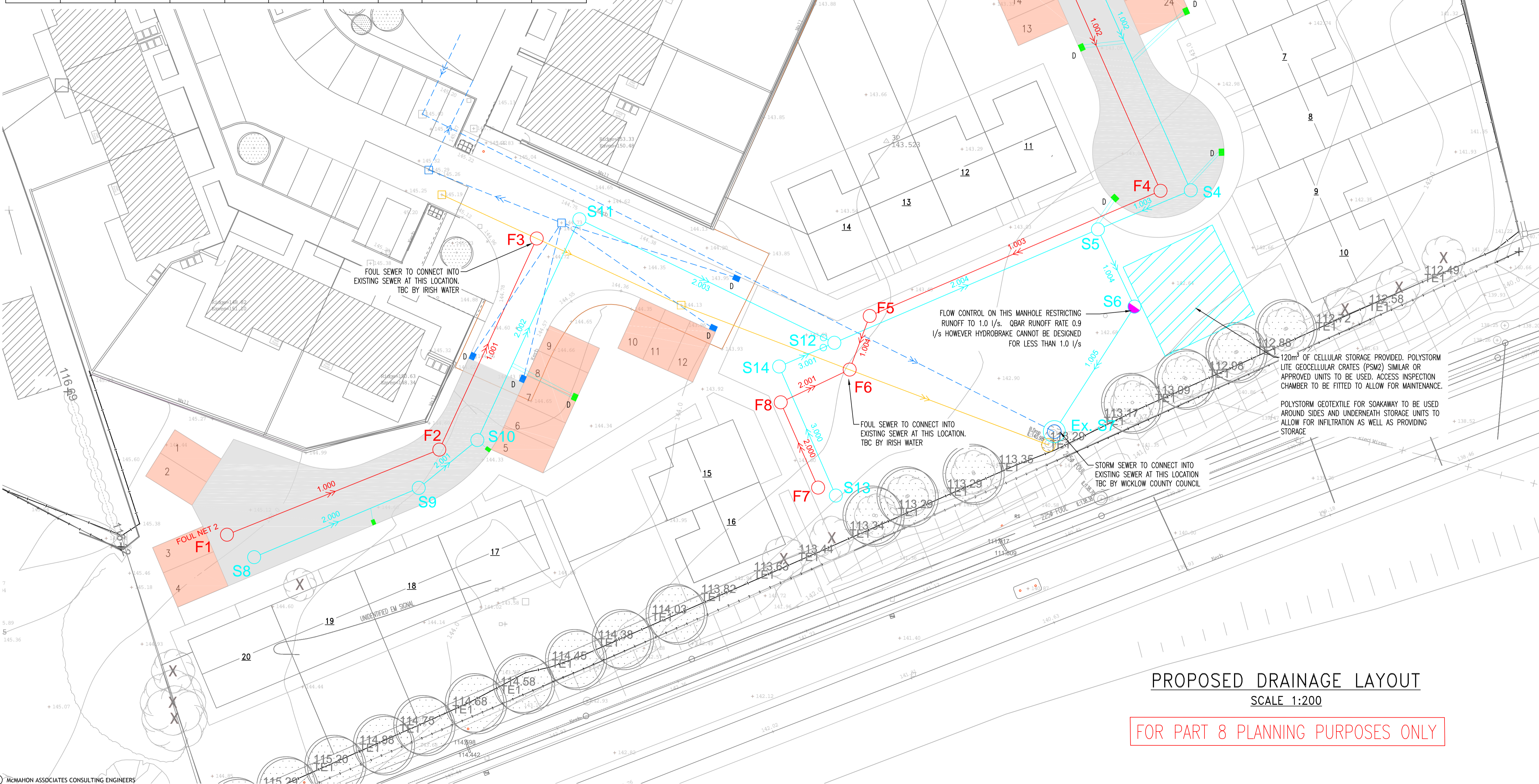


STORM Network 1										
Pipe Code	Diameter (mm)	Gradient (1:)	Pipe Type	Number	Upstream Manhole Invert	Upstream Manhole Cover	Number	Downstream Manhole Invert	Downstream Manhole Cover	Manhole Dia. (mm)
1.000	225	40	uPVC	S1	141.533	144.041	S2	141.364	143.678	1200
1.001	225	40	uPVC	S2	141.365	143.678	S3	141.171	143.354	1200
1.002	225	40	uPVC	S3	141.171	143.354	S4	140.404	142.887	1200
1.003	225	40	uPVC	S4	140.404	142.887	S5	140.174	142.820	1200
1.004	225	100	uPVC	S5	140.174	142.820	S6	140.096	142.692	1200
1.005	225	150	uPVC	S6	140.090	142.692	S7	140.000	142.744	1200
2.000	225	40	uPVC	S8	142.771	144.686	S9	142.364	144.521	1200
2.001	225	40	uPVC	S9	142.364	144.521	S10	142.191	144.481	1200
2.002	225	40	uPVC	S10	142.191	144.481	S11	141.636	144.679	1200
2.003	225	40	uPVC	S11	141.636	144.679	S12	140.989	143.588	1200
2.004	225	150	uPVC	S12	140.349	143.588	S5	140.174	142.820	1200
3.000	225	100	uPVC	S13	142.175	143.600	S14	142.046	144.000	1200
3.001	225	100	uPVC	S14	142.046	144.000	S12	141.991	143.588	1200

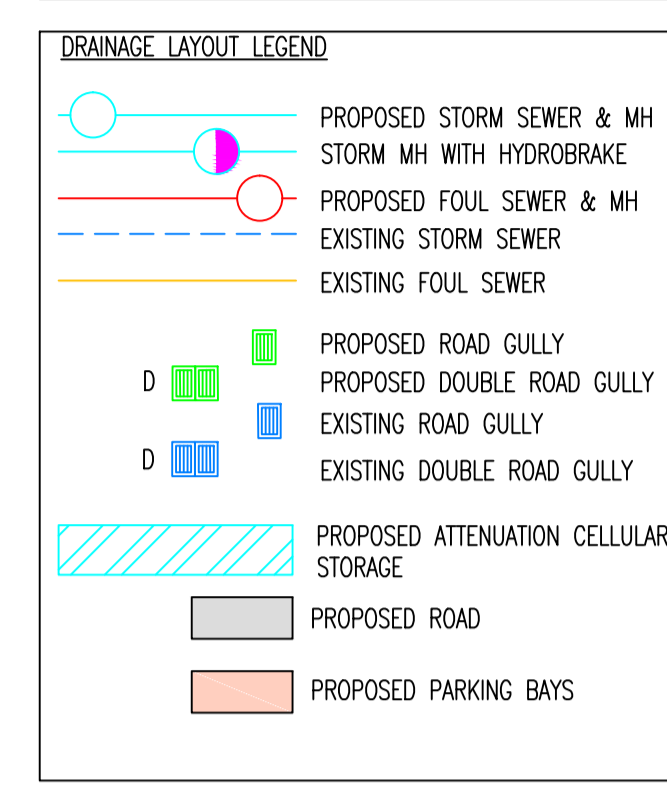
FOUL Network 1										
Pipe Code	Diameter (mm)	Gradient (1:)	Pipe Type	Number	Upstream Manhole Invert	Upstream Manhole Cover	Number	Downstream Manhole Invert	Downstream Manhole Cover	Manhole Dia. (mm)
1.000	225	60	uPVC	F1	142.499	144.034	F2	142.362	143.618	1200
1.001	225	60	uPVC	F2	142.362	143.618	F3	142.277	143.336	1200
1.002	225	60	uPVC	F3	142.277	143.336	F4	141.786	142.889	1200
1.003	225	200	uPVC	F4	141.786	142.889	F5	141.642	143.536	1200
1.004	225	200	uPVC	F5	141.642	143.536	F6	141.616	143.485	1200
2.000	225	60	uPVC	F7	141.873	143.650	F8	141.731	144.000	1200
2.001	225	60	uPVC	F8	141.732	144.000	F6	141.616	143.485	1200

FOUL Network 2										
Pipe Code	Diameter (mm)	Gradient (1:)	Pipe Type	Number	Upstream Manhole Invert	Upstream Manhole Cover	Number	Downstream Manhole Invert	Downstream Manhole Cover	Manhole Dia. (mm)
1.000	225	60	uPVC	F1	142.942	144.710	F2	142.594	144.584	1200
1.001	225	60	uPVC	F2	142.594	144.584	F3	142.240	144.799	1200



**GENERAL NOTES:**

- ALL DIMENSIONS AND LEVELS TO BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF THE WORKS. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECT'S AND OTHER CIVIL ENGINEERING DRAWINGS.



REV	DATE	DESCRIPTION	BY	APPR
A	14.03.19	ATTENUATION AREA SIZE ALTERED AS SI SOAKAWAY RESULTS RECEIVED	PM	MK

DRAWING STATUS:  
**PART\_8\_PLANNING**

CLIENT:  
**WICKLOW COUNTY COUNCIL**

JOB DESCRIPTION:  
PROPOSED 20 UNIT HD AT AVONDALE HEIGHTS PHASE II, COUNTY WICKLOW.

DRAWING TITLE:  
**PROPOSED DRAINAGE LAYOUT**

PROJECT No.: P-3270  
DRAWING No.: C-02

SCALE: 1:200  
SHEET: A1  
DATE: 19.02.19

DRAWN BY: PM  
CHECKED BY: MK  
APPROVED BY: PMCM

**McMahon Associates**  
Consulting Civil & Structural Engineers, Project Managers  
Environmental Engineers, CDM Principal Designer & Traffic Engineers  
The Mill Building, Newtown Link Rd.,  
Greenhills, Drogheda, Co. Louth  
t: +353 (0)41 2137050  
e: info@mcmahonengineers.com

**PROPOSED DRAINAGE LAYOUT**  
SCALE 1:200  
**FOR PART 8 PLANNING PURPOSES ONLY**