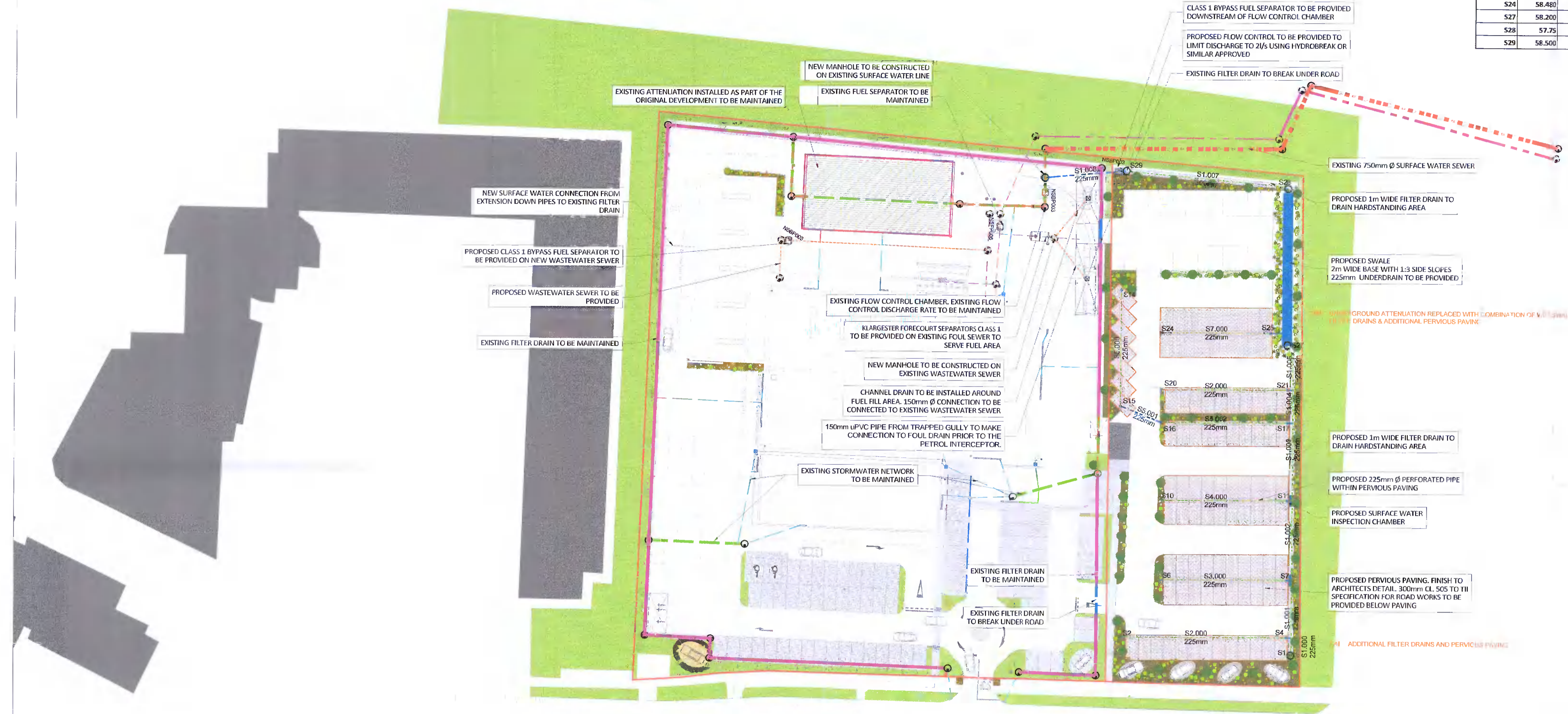


USMH	USCL (m)	Pipe Number	USIL (m)	Dia (mm)	Slope (1:X)	DSL (m)
S1	59.600	S1.000	57.800	225	170.0	57.800
S2	60.250	S2.000	59.250	225	170.0	59.078
S5	59.550	S1.001	57.800	225	169.5	57.733
S6	59.725	S3.000	58.725	225	170.0	58.597
S9	59.325	S1.002	57.733	225	170.0	57.638
S10	59.325	S4.000	58.325	225	170.0	58.197
S13	58.876	S1.003	57.638	225	170.0	57.547
S14	58.930	S5.000	57.930	225	170.0	57.794
S15	58.930	S5.001	57.794	225	170.0	57.742
S16	58.930	S5.002	57.742	225	170.0	57.614
S17	58.930	S5.003	57.614	225	170.0	57.604
S19	58.530	S1.004	57.547	225	171.5	57.509
S20	58.767	S6.000	57.767	225	170.0	57.639
S23	58.467	S1.005	57.509	225	170.1	57.442
S24	58.480	S7.000	57.480	225	170.0	57.352
S27	58.200	S1.006	57.332	225	100.0	57.039
S28	57.75	S1.007	56.964	300	169.9	56.771
S29	58.500	S1.008	56.771	225	170.4	56.675

- ### NOTES
- ALL NOTED LEVELS ARE TO ORDNANCE DATUM, MAIN HEAD. REFER TO ARCHITECT'S LAYOUT FOR ALL SET-OUT INFORMATION.
 - REFER TO ARCHITECT / LANDSCAPE ARCHITECT'S DESIGN DRAWINGS FOR DETAILS OF PROPOSED SURFACE FINISHES AND LANDSCAPING.
 - ALL SURFACE WATER DRAINAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE GREATER DUBLIN REGION CODE OF PRACTICE FOR DRAINAGE WORKS, THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMENT SPECIFICATION.
 - ALL WASTEWATER DRAINAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE, THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMENT SPECIFICATION.
 - ALL DRAINAGE COVER LEVELS ARE TO BE COORDINATED WITH THE PROPOSED ROAD DESIGN LEVELS AND ARCHITECT DESIGN FINISH DETAILS.
 - ALL CONNECTIONS TO NEW DRAINAGE NETWORKS ARE TO BE MADE AT AN ANGLE OF 90° OR IN THE DIRECTION OF FLOW. THE CONTRACTOR IS TO VERIFY INVERT LEVEL AT PROPOSED CONNECTION TO EXISTING SEWERS, PRIOR TO ANY OTHER WORKS BEING CARRIED OUT, AND MAKE ANY DISCREPANCIES KNOWN TO THE ENGINEER.
 - THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION OF PRESENCE ALL EXISTING UTILITIES, IF ANY, ALONG ROUTE OF PROPOSED DRAINAGE NETWORKS - BY INTRUSIVE INVESTIGATION OR SIMILAR APPROVED METHODS.
 - EXISTING PUBLIC SEWER TO BE JET CLEANED AND CCTV SURVEYED PRIOR TO, AND AFTER PROPOSED CONNECTIONS FROM NEW NETWORK.
 - ALL NEW DRAINAGE INFRASTRUCTURE TO BE JET CLEANED AND CCTV SURVEYED, WITH ANY NOTED DEFECTS REMEDIATED, ON COMPLETION OF WORKS, TO THE SATISFACTION OF THE LOCAL AUTHORITY.
 - REFER TO ARCHITECT'S DRAWINGS FOR DOWNPIPE LOCATIONS.
 - ALL COVER LEVELS ARE TO BE COORDINATED WITH ROAD DESIGN LEVELS AND LANDSCAPE ARCHITECT'S PROPOSED FINISH LEVELS.

- ### LEGEND:
- PROPOSED SURFACE WATER NETWORK
 - EXISTING SURFACE WATER NETWORK
 - EXISTING FILTER DRAIN
 - PROPOSED FILTER DRAIN
 - PERFORATED PIPE WITHIN PERVIOUS PAVING
 - PERFORATED WASTEWATER CONNECTION
 - EXISTING WASTEWATER SEWER
 - PROPOSED PERVIOUS PAVING
 - EXISTING ATTENUATION



FURTHER INFORMATION
PA REQUEST REFERENCE No. SD21A/0184

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- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
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Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
P01	23.04.21	SUITABLE FOR INFORMATION	DOM	BM					
P02	10.06.21	STAGE COMPLETE - SUITABLE FOR STAGE APPROVAL	DOM	BM					
P03	24.06.21	STAGE COMPLETE - SUITABLE FOR PLANNING	DOM	BM					
P05	28.06.21	REVISED SITE LAYOUT	DOM	BM					
P06	11.02.22	REVISED LAYOUT AS PER FI REQUEST	Mko	MK					



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Client: TOYOTA IRELAND
Project: TOYOTA LIFFEY VALLEY

Title: PROPOSED DRAINAGE DESIGN LAYOUT

Code	Originator	Zone	Level	DR	Role	Number	Status	Revision
T260	OCSC	XX	XX	DR	C	0500	S4	P06

Date: APRIL '21 Scale: 1:500 @ A1 Drn by: DOM Chkd by: BM Aprvd by: BM