

- NOTES:**
- FOR STANDARD DOBA NOTES REFER TO DRAWING 2071-DOB-XX-SI-DR-S-0001 & S-0002
  - REFER TO ARCHITECTS DRAWINGS FOR ALL SITE & APPLICATION BOUNDARIES
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS & ENGINEER'S DRAWINGS AND SPECIFICATIONS.
  - USE FIGURED DIMENSIONS ONLY. DO NOT SCALE
  - REFER TO SURVEY DRAWINGS FOR EXISTING SERVICES LAYOUTS AND MANHOLE INFORMATION
  - ALL EXISTING SURFACES TO BE REINSTATED FOLLOWING DIVERSION OF SERVICES/CONSTRUCTION OF NEW SERVICES
  - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER & ARCHITECT FOR RESOLUTION
  - CONTRACTOR TO ENSURE ALL WATER & WASTEWATER RELATED WORKS ARE IN ACCORDANCE WITH THE IRISH WATER WATER INFRASTRUCTURE & WASTEWATER INFRASTRUCTURE CODE OF PRACTICE & STANDARD DETAILS DOCUMENTS
  - TESTING OF ALL GRAVITY SEWERS AND MANHOLES TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE SECTION 4.10 TESTING OF GRAVITY SEWERS & MANHOLES

**SURFACE WATER LEGEND:**

- PR. ATTENUATION TANK
- EXISTING STORM WATER SEWER
- PR. STORM WATER SEWER
- PR. LINEAR FILTER DRAIN\*
- PR. INFILTRATION TRENCH
- PR. UNDERSLUNG SW DRAINAGE\*\* (TO U/S OF GROUND FLOOR SLAB BY OTHERS)
- PROPOSED SW DRAINAGE (FUTURE PHASES)
- PROPOSED STORM WATER MH
- PROPOSED ROAD GULLY
- PROPOSED RAIN WATER OUTLET CAST INTO PODIUM SLAB
- PR. SUSPENDED FOUL DOWNPIPE FROM ABOVE TO M&E ENG. DTLS

\* FILTER DRAINS TO BE A Min 1.0 x 1.0m DP WITH 2250 PERFORATED PIPE LAID AT 1:200 WITH CATCHPIT MANHOLES EACH END DISCHARGING INTO MAIN SW NETWORK

\*\* PROPOSED UNDERSLUNG DRAINAGE TO DISCHARGE TO 10x1x1m FILTER DRAIN (TYP). UNDERSLUNG LABELS OMITTED FOR CLARITY. REFER TO SW CALCULATION ANALYSIS FOR DETAILS.

MH No	CL (m)	IL (m)	COMMENTS
OUTFALL	52.505	50.369	DISCHARGE TO LYREEN R.
SMH 1.08	52.505	50.379	
SMH 1.07	52.505	50.621	HYDROBRAKE MANHOLE
SMH 1.06	52.505	50.631	
SMH 1.05	52.36	50.736	
SMH 1.04	52.36	50.749	
SMH 1.03	52.36	50.759	
SMH 1.02	52.363	50.782	
SMH 1.01	52.43	50.893	
SMH 1.00	52.447	50.915	
SMH 2.02	52.434	50.920	DISCHARGE TO SMH 1.00
SMH 2.01	53.227	51.170	
SMH 2.00	53.473	51.201	DISCHARGE TO SMH 2.00 PUMPED FROM BASEMENT
SMH 3.02	52.360	50.785	DISCHARGE TO SMH 1.05
SMH 3.01	52.367	50.865	
SMH 3.00	52.368	50.918	
SMH 4.00	52.43	50.807	
SMH 5.01	52.500	50.782	DISCHARGE TO SMH 1.08
SMH 5.00	52.510	50.901	
SMH 6.01	52.500	50.832	DISCHARGE TO SMH 1.08
SMH 6.00	52.500	50.867	

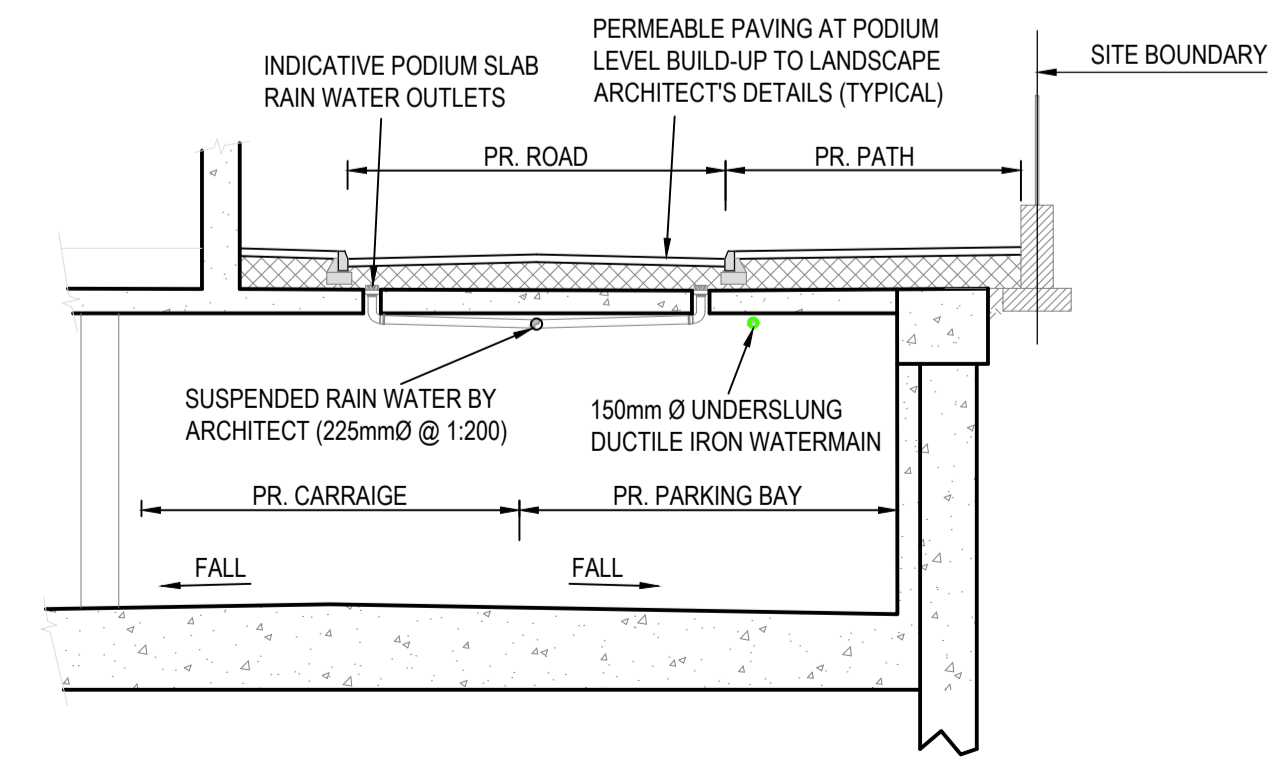
NOTE: FILTER DRAIN MANHOLE LEVELS OMITTED FROM TABLE. PLEASE REFER TO TYPICAL CONSTRUCTION DETAILS AND NETWORK CALCULATION ANALYSIS FOR DETAILS

**SURFACE WATER MATERIAL TO BE IN ACCORDANCE WITH GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS**

- UNPLASTICISED P.V.C. PIPES MUST COMPLY WITH THE "PROVISIONAL SPECIFICATION FOR SOIL PIPES, DRAINS, SEWERS & FITTINGS MADE OF UNPLASTICISED P.V.C." ISSUED BY THE DEPT. OF THE ENVIRONMENT =
- B.S. 8005: PART 1 - SEWERAGE OR EQUIVALENT;
- B.S. 8010: PART 2 - PIPELINES ON LAND OR EQUIVALENT: DESIGN, CONSTRUCTION & INSTALLATION;
- B.S. 5955: PART 6 CODE OF PRACTICE FOR THE INSTALLATION OF UNPLASTICISED P.V.C. PIPEWORK FOR GRAVITY DRAINS & SEWERS OR EQUIV.
- EN1401 - UNPLASTICISED P.V.C. SEWER PIPE SPECIFICATION
- B.S.4514 - UNPLASTICISED P.V.C. SOIL PIPE SPECIFICATION
- DoEHLG 'SITE DEVELOPMENT WORKS' & SECTION H OF THE BUILDING REGS

**ISSUED FOR PLANNING**

Rev.	Note	Date	Drawn	Check
S2.P08	ISSUED FOR PLANNING	20.04.2023	KD	PD
S2.P07	ISSUED FOR PLANNING	31.03.2023	KD	PD
S2.P06	ISSUED FOR PLANNING	01.02.2023	MJC	PD
S2.P05	ISSUED FOR INFORMATION	18.07.2022	MJC	PD
S2.P04	ISSUED FOR INFORMATION	20.09.2021	MJC	PD
S2.P03	ISSUED FOR INFORMATION	08.06.2021	KD	PD
S2.P02	ISSUED FOR INFORMATION	21.04.2021	KD	PD
S2.P01	ISSUED FOR INFORMATION	09.04.2021	KD	PD



**PROPOSED TYPICAL SITE SECTION A**  
SCALE 1:100

**PROPOSED SURFACE WATER DRAINAGE**  
SCALE 1:250

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Client: LADAS PROPERTY COMPANY  
Project: PROPOSED DEVELOPMENT AT MILLSTREET, MAYNOOTH  
Drawing Title: PROPOSED SURFACE WATER DRAINAGE

Drawn By: KD | Checked By: PD | Approved By: DOB | Date: MARCH '23 | Scale: 1:250 | Sheet Size: A1  
Project Number: DOBA2071 | Drawing Number: 2071-DOB-XX-SI-DR-C-0200 | Status Code: S2 | Rev Number: P08