

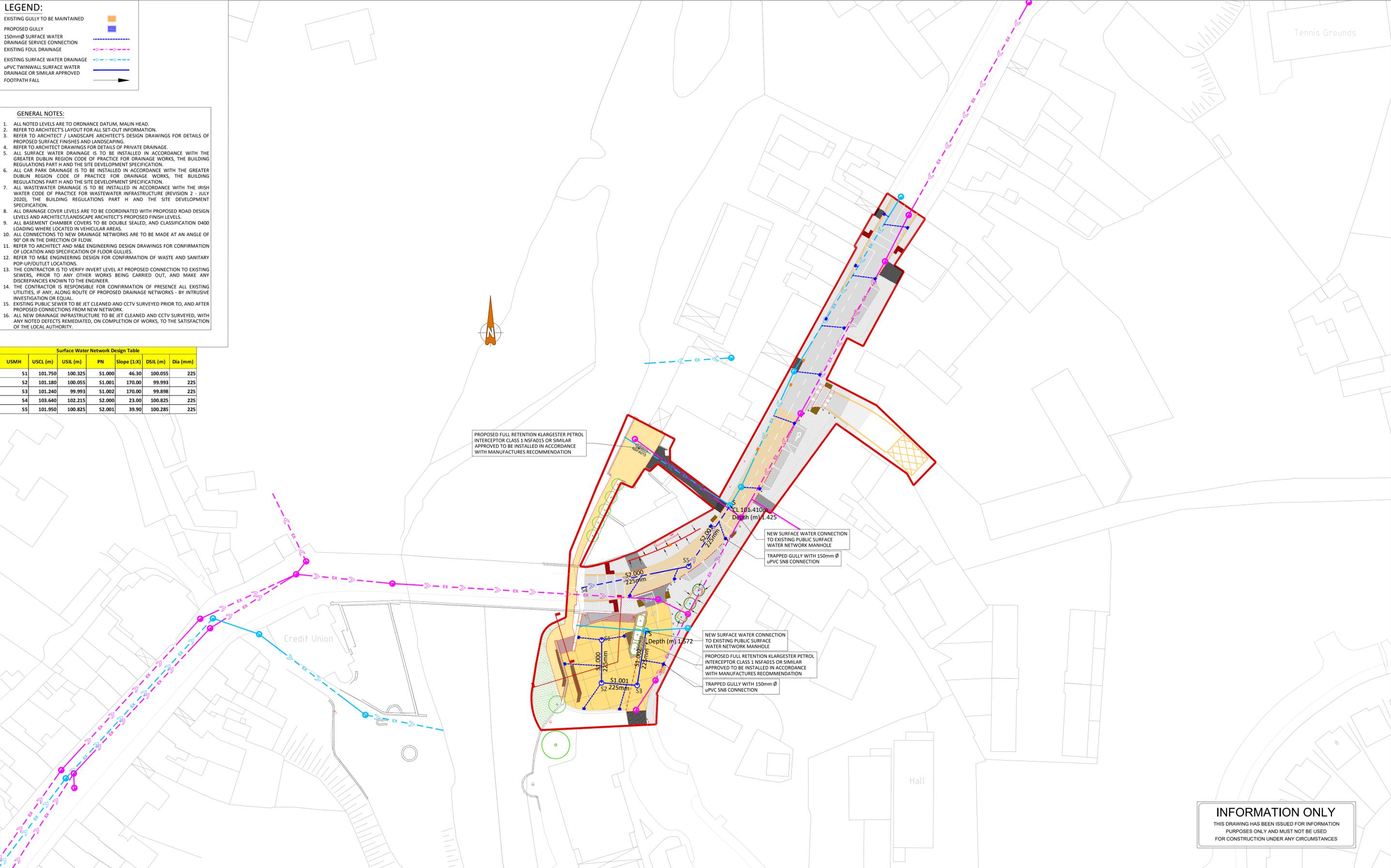
**LEGEND:**

EXISTING GULLY TO BE MAINTAINED	
PROPOSED GULLY	
150mmØ SURFACE WATER DRAINAGE SERVICE CONNECTION	
EXISTING FOUL DRAINAGE	
EXISTING SURFACE WATER DRAINAGE	
uPVC TWINWALL SURFACE WATER DRAINAGE OR SIMILAR APPROVED	
FOOTPATH FALL	

- GENERAL NOTES:**
- ALL NOTED LEVELS ARE TO ORDNANCE DATUM, MALIN 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.
  - REFER TO ARCHITECT DRAWINGS FOR DETAILS OF PRIVATE DRAINAGE.
  - 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 CAR PARK 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 (REVISION 2 - JULY 2020), THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMENT SPECIFICATION.
  - ALL DRAINAGE COVER LEVELS ARE TO BE COORDINATED WITH PROPOSED ROAD DESIGN LEVELS AND ARCHITECT/LANDSCAPE ARCHITECT'S PROPOSED FINISH LEVELS.
  - ALL BASEMENT CHAMBER COVERS TO BE DOUBLE SEALED, AND CLASSIFICATION D400 LOADING WHERE LOCATED IN VEHICULAR AREAS.
  - ALL CONNECTIONS TO NEW DRAINAGE NETWORKS ARE TO BE MADE AT AN ANGLE OF 90° OR IN THE DIRECTION OF FLOW.
  - REFER TO ARCHITECT AND M&E ENGINEERING DESIGN DRAWINGS FOR CONFIRMATION OF LOCATION AND SPECIFICATION OF FLOOR GULLIES.
  - REFER TO M&E ENGINEERING DESIGN FOR CONFIRMATION OF WASTE AND SANITARY POP-UP/OUTLET LOCATIONS.
  - 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 EQUAL.
  - 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.

**Surface Water Network Design Table**

USMH	USCL (m)	USIL (m)	PN	Slope (1:X)	OSIL (m)	Dia (mm)
S1	101.750	100.325	S1.000	46.30	100.055	225
S2	101.180	100.055	S1.001	170.00	99.993	225
S3	101.240	99.993	S1.002	170.00	99.898	225
S4	103.640	102.215	S2.000	23.00	100.825	225
S5	101.950	100.825	S2.001	39.90	100.285	225

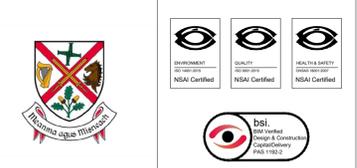


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Rev No.	Date	Revision Note	Drn by	Chkd by
P01	01.07.19	SUITABLE FOR INFORMATION	RB	JS
P02	14.01.22	SUITABLE FOR INFORMATION	EH	SMcG

Rev No.	Date	Revision Note	Drn by	Chkd by



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Client: THE PAUL HOGARTH COMPANY  
 Project: KILCULLEN PUBLIC REALM

Title: PROPOSED DRAINAGE LAYOUT

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
P294	OCSC	XX	XX	DR	C	0500	S2	P02

Date: 23.07.19 Scale: 1:500 @ A1 Drn by:RB Chkd by:JS Aprvd by:AH