



DRAWING REFERENCES

FOR HARDSTANDING & ROADS GAS LAYOUT, REFER TO DRG G09900-WRD-EX-ZZ-DR-C-33001.

FOR HARDSTANDING & ROADS DETAILS, REFER TO DRG G09900-WRD-EX-ZZ-DR-C-33011.

FOR ROAD LONGITUDINAL SECTIONS, REFER TO DRG G09900-WRD-EX-ZZ-DR-C-33021.

FOR DRAINAGE DETAILS, SHEET 1, REFER TO DRG G09900-WRD-EX-ZZ-DR-C-50011.

FOR DRAINAGE DETAILS, SHEET 2, REFER TO DRG G09900-WRD-EX-ZZ-DR-C-50012.

FOR DRAINAGE DETAILS, SHEET 3, REFER TO DRG G09900-WRD-EX-ZZ-DR-C-50013.

FOR DRAINAGE LONGITUDINAL SECTIONS, REFER TO DRG G09900-WRD-EX-ZZ-DR-C-50021 AND G09900-WRD-EX-ZZ-DR-C-50022.

FOR MANHOLE SCHEDULES, REFER TO DRG G09900-WRD-EX-ZZ-DR-C-50002.

DRAINAGE NOTES

- GENERAL NOTES
- ALL WRD1 DRAWINGS TO BE READ IN CONJUNCTION WITH RELEVANT / ARCHITECTS / LANDSCAPE ARCHITECTS / M&E'S DRAWINGS AND SPECIFICATIONS.
 - 3rd PARTY TOPOGRAPHICAL INFORMATION PROVIDED BY METROSCAN UTILITY LOCATING LTD, DATED SEPTEMBER, 2025.
 - EXISTING DRAINAGE PIPERUNS AND STRUCTURE LOCATIONS BASED ON UISCE EIREANN RECORD DRAWINGS AND SURVEY INFORMATION PROVIDED BY METROSCAN UTILITY LOCATING LTD, DATED SEPTEMBER, 2025.
 - 3rd PARTY GPR SURVEY INFORMATION PROVIDED BY METROSCAN UTILITY LOCATING LTD, DATED SEPTEMBER, 2025.
 - INDICATED SERVICES DOES NOT EXCLUDE POTENTIAL ADDITIONAL SERVICES WITHIN THE SITE. CONTRACTOR TO CARRY OUT ADDITIONAL SURVEYS TO ESTABLISH PRESENCE.
 - ALL NEW DRAINAGE TO COMPLY WITH UISCE EIREANN CODE OF PRACTICE AND STANDARD DETAILS.
 - DRAINAGE DESIGN REQUIREMENTS SUBJECT TO CHANGE FOLLOWING UISCE EIREANN APPROVAL.
 - CONNECTION TO EXISTING UISCE EIREANN ASSETS SUBJECT TO STATUTORY APPROVAL.
 - DRAINAGE LAYOUT IS SUBJECT TO AGREEMENT WITH UISCE EIREANN AND LOCAL AUTHORITIES.
- EXISTING DRAINAGE
- ALL EXISTING SEWER LEVELS TO BE CONFIRMED ON SITE, PRIOR TO COMMENCEMENT OF DRAINAGE INSTALLATION.
 - INVERT LEVEL (IL) & DEPTH OF EXISTING MANHOLE (MH) TO BE PROVIDED TO WRD1 AT THE EARLIEST OPPORTUNITY FOR REVIEW PRIOR TO CONSTRUCTION. CONTRACTOR TO LAISE WITH LOCAL AUTHORITIES AND UISCE EIREANN TO OBTAIN AND SUBMIT REQUIRED FORMS AT APPROPRIATE STAGES OF THE PROJECT.
- PROPOSED DRAINAGE - BELOW GROUND
- ALL HOUSE DRAINS TO BE Ø100mm PVC SN8.
 - LOCAL FOUL DRAINS TO RUN AT A GRADIENT OF 1:80 & STORM DRAINS @1:90 U.N.O.
 - DOUBLE GULLIES TO BE PROVIDED AT ALL ROAD SAG CURVES AND CUL DE SACS OR WHERE INDICATED. SEPARATE CONNECTIONS Ø150mm PIPES SHALL BE PROVIDED FOR EACH GULLY. NO GULLY TAIL SHALL BE MORE THAN 10M FROM A SURFACE WATER CONNECTION.
 - HOUSE DRAINS SHALL NOT PASS THROUGH PROPERTY THEY DO NOT SERVE.
 - MANHOLES ON HOUSE DRAIN RUNS SHALL BE LOCATED IN PRIVATE PROPERTY IN ALL CASES.
 - ALL SURFACE WATER PIPES WHICH ARE TO BE TAKEN IN CHARGE BY THE LOCAL AUTHORITY ARE TO BE A MINIMUM OF 225Ø.
 - ALL PIPES WHICH ARE TO BE TAKEN IN CHARGE BY UISCE EIREANN ARE TO BE CONSTRUCTED IN ACCORDANCE WITH RELEVANT UE CODE OF PRACTICE AND STANDARD DETAILS.
 - ENSURE NO NEW SEWER CHANGE IN DIRECTION EXCEEDS 90°.
- PROPOSED DRAINAGE - ABOVE GROUND
- FOR ABOVE GROUND DRAINAGE REFER TO M&E ENGINEERS' DRAWINGS.
 - ALL RAIN WATER PIPES (RWP) AND POP-UPS (PU) ARE TO BE CONFIRMED BY ARCHITECT AND M&E ENGINEER, TO ALLOW UNDERGROUND SEWER BRANCHES TO BE FINALISED.
 - FOR PRIVATE UNIT DRAINAGE WITH ACCESS JUNCTION (AJ) CHAMBERS, REFER TO ARCHITECT'S DRAWINGS.

GENERAL NOTES

- DO NOT SCALE FROM THIS DRAWING - IF IN DOUBT CONTACT PROJECT ENGINEER.
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- ALL LEVELS AND COORDINATES ARE IN METRES REFERENCED TO IRISH TRANSVERSE MERCATOR GRID (ITM).
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND SERVICES DRAWINGS.
- THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS ON SITE AND IS RESPONSIBLE FOR ACCURATE SETTING OUT.
- THE CONTRACTOR IS TO CONFIRM THE EXISTING BOUNDARY AND SITE STRUCTURES ETC. PRIOR TO COMMENCING THE WORKS AND IMMEDIATELY INFORM THE SUPERVISING OFFICER SHOULD THESE BE AT VARIANCE WITH THE ASSUMPTIONS SHOWN ON THE DRAWING.

ALL DIMENSIONS SHOWN ON THIS DRAWING ARE TO BE VERIFIED BY THE ARCHITECT PRIOR TO FABRICATION / MANUFACTURE / CONSTRUCTION

CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015

THE DESIGNS ON THIS DRAWING ARE PREPARED WITH CONSIDERATION OF THE NEED TO IDENTIFY HAZARDS AND GIVE REGARD TO THEIR ELIMINATION OR MINIMISATION. REFERENCE MUST BE MADE TO HEALTH AND SAFETY INFORMATION PREPARED BY THE PRINCIPAL DESIGNER.

LEGEND

- Ex.FW01 DENOTES EXISTING FOUL WATER SEWER WITH MANHOLE.
- Ex.SW01 DENOTES EXISTING STORM WATER SEWER WITH MANHOLE.
- FWMH01 DENOTES PROPOSED FOUL SEWER & MANHOLE.
- SWMH01 DENOTES PROPOSED STORM SEWER & MANHOLE.
- RGU DENOTES PROPOSED ROAD GULLY.
- SWIC DENOTES PROPOSED INSPECTION CHAMBER, DISCONNECTING - PRIVATE.
- FWIC DENOTES PROPOSED INSPECTION CHAMBER, DISCONNECTING - PRIVATE.
- DENOTES DIRECTION OF FOUL FLOW.
- DENOTES DIRECTION OF STORM FLOW.
- DENOTES CONCRETE ENCASED FW PIPES, CLASS Z.
- ATTIC01 DENOTES BELOW GROUND ATTENUATION CRATES WITH PROPRIETARY ICs AS PER SUPPLIER'S DETAILS.
- DENOTES EXISTING PIPERUNS TO BE MADE REDUNDANT / GRUBBED UP.
- SSWIC01 DENOTES PROPOSED SWALE EXTENT, WITH COLLECTOR PIPE AND CHAMBER.
- SWIC/AJ DENOTES PERFORATED 150Ø PVC COLLECTOR / DISTRIBUTION PIPE, MIN. 4.5m LG @ MIN. 1:200 FALL WITH OUTFALL CHAMBER.
- DENOTES PROPOSED PERMEABLE BLOCK PAVING SURFACE.

PROPOSED DRAINAGE LAYOUT
SCALE 1 : 500

P03	TCC comments	13/07/26	AO	KD
P02	Issued for Planning	04/06/26	AO	ES
P01	Issued for Information	05/11/25	AO	ES
ISSUE	DETAILS	DATE	BY	CHK

STATUS:

PLANNING

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CLIENT:
TIPPERARY COUNTY COUNCIL

PROJECT TITLE:
**HOUSING DEVELOPMENT AT GLEAN CAOIN,
BORRISOLEIGH CO. TIPPERARY**

DRG TITLE:
PROPOSED DRAINAGE LAYOUT

DRAWN BY:	AO	DATE DRAWN:	30/10/2025
CHECKED BY:	ES	DATE CHECKED:	30/10/2025
SCALES:	1:500	SHEET SIZE:	A1
PROJECT - ORIGINATOR - VOLUME - LEVEL - TYPE - ROLE - NUMBER			REV:
G09900 - WRD - EX - ZZ - DR - C - 50001			P03