

SURFACE WATER LEGEND:

- EX SURFACE WATER SEWER
- EX SURFACE WATER MANHOLE
- SIC EX SURFACE WATER INSPECTION CHAMBER
- SAJ EX SURFACE WATER ACCESS JUNCTION
- EX WATER COURSE
- EX COMBINED SEWER
- EX COMBINED MANHOLE
- EX SURFACE WATER SEWER TO BE DECOMMISSIONED
- PR SURFACE WATER SEWER
- PR SURFACE WATER MANHOLE
- PR SURFACE WATER INSPECTION CHAMBER
- PR SURFACE WATER ACCESS JUNCTION
- PR RAINWATER HARVESTING SEWER
- PR RAINWATER HARVESTING MANHOLE
- SIC PR RAINWATER HARVESTING INSPECTION CHAMBER
- SAJ PR RAINWATER HARVESTING ACCESS JUNCTION
- PR ROAD GULLY
- PR ATTENUATION TANK
- PR PERMEABLE PAVING (CAR PARKING)
- PR PERMEABLE PAVING
- PR FILTER DRAIN
- PR DRAINAGE CHANNEL
- PR BIORETENTION AREA
- PROPOSED RETENTION POND
- PR PETROL INTERCEPTOR
- PR RAINWATER HARVESTING TANK
- PR KERB DRAIN
- PR DROPPED KERB
- PR TREE PIT DISCHARGING TO MAIN SW DRAINAGE

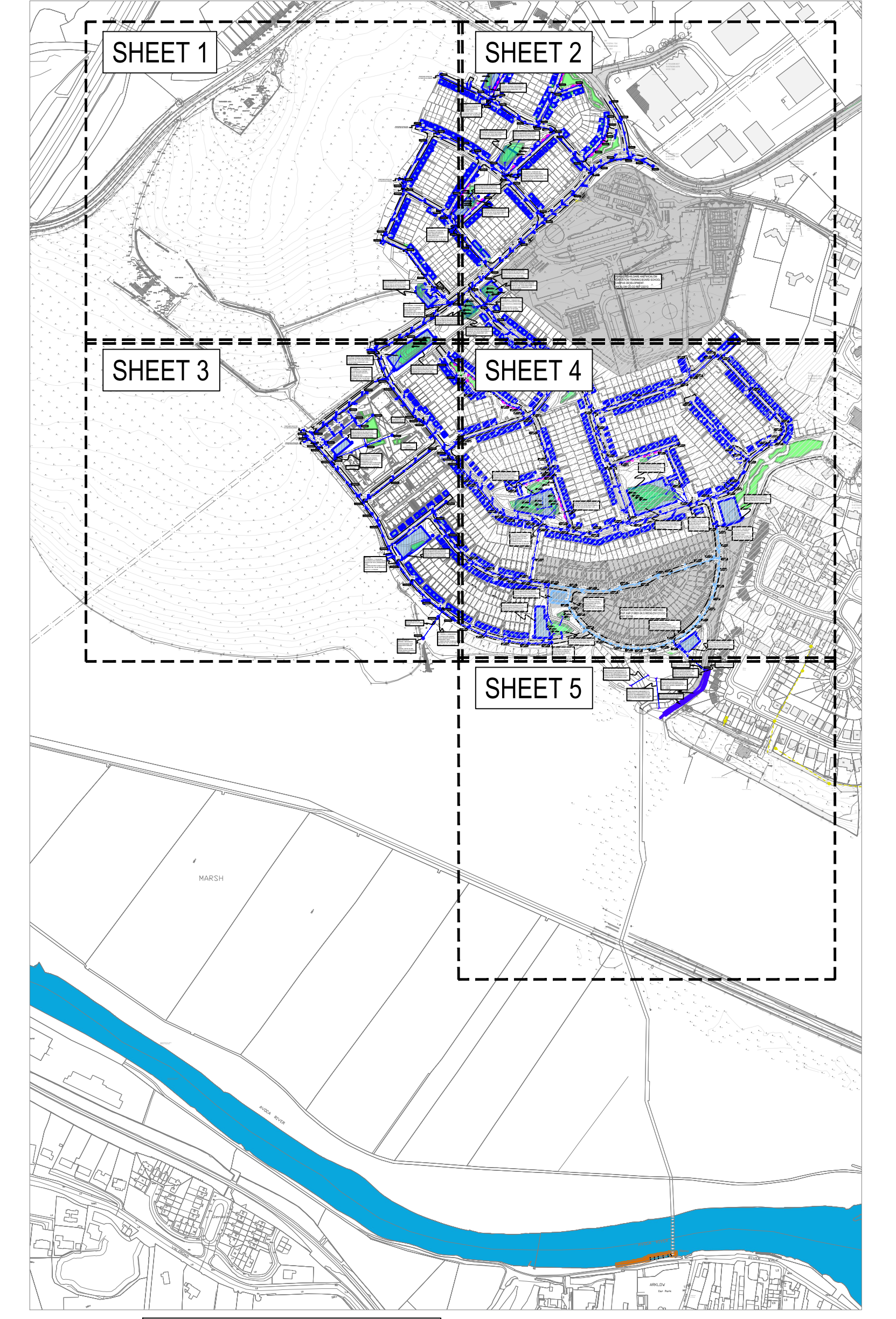
- NOTES:**
- FOR STANDARD DOBA NOTES REFER TO DRAWING 2432-DOB-XX-SI-DR-C-0200
 - REFER TO ARCHITECTS DRAWINGS FOR ALL SITE & APPLICATION BOUNDARIES
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS & ENGINEERS DRAWINGS AND SPECIFICATIONS
 - USE FIGURED DIMENSIONS ONLY. 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

- NOTE 1:** MANHOLE COVER LEVELS ARE APPROXIMATE. ACTUAL COVER LEVELS SHOULD MATCH SURROUNDING FINISHED GROUND LEVELS U.N.O.
- NOTE 2:** PIPES WITH LESS COVER THAN:
 - 600mm FOR GRASSED AREAS
 - 900mm FOR FOOTPATHS
 - 1200mm FOR ROADSTO BE SURROUNDED IN 150mm CONCRETE PROTECTION IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-WW-07
- NOTE 3:** ALL MANHOLE COVERS LOCATED IN GRASS AREAS TO BE SURROUNDED (Min. 200mm SURROUND) IN 100mm THK C20/25 CONCRETE APRON

SURFACE WATER MATERIAL TO BE IN ACCORDANCE WITH THE CODE OF PRACTICE FOR DRAINAGE WORKS

- UNPLASTICISED P.V.C. PIPES MUST COMPLY WITH THE 'PROVISIONAL UNPLASTICISED P.V.C. PIPES MUST COMPLY WITH THE 'PROVISIONAL
- B.S. 8006: PART 1: SEWERAGE OR EQUIVALENT.
- B.S. 8006: PART 2: PIPELINES ON LAND OR EQUIVALENT: DESIGN, CONSTRUCTION & INSTALLATION.
- B.S. 5985: PART 6 CODE OF PRACTICE FOR THE INSTALLATION OF UNPLASTICISED P.V.C. PREPARED FOR GRAVITY DRAINAGE & SEWERS OR EQUIVALENT
- EN 401: UNPLASTICISED P.V.C. SEWER PIPE SPECIFICATION
- B.S. 6514: UNPLASTICISED P.V.C. SOIL PIPE SPECIFICATION
- DOEHG SITE DEVELOPMENT WORKS & SECTION H OF THE BUILDING REGULATIONS

- NOTES:**
- FOR MANHOLE COVER & INVERT LEVELS REFER TO DRAWING 2432-DOB-XX-SI-DR-C-0200



PLANNING ISSUE			
S2.P04	ISSUED FOR PLANNING	19.05.2025	KD
S2.P03	ISSUED FOR INFORMATION	16.04.2025	KD
S2.P02	ISSUED FOR S32B	25.10.2024	KD
S2.P01	DRAFT ISSUE	18.10.2024	NQ
Rev	Note	Date	Drawn Check
DONNACHADH O'BRIEN & ASSOCIATES CONSULTING ENGINEERS			
Client: CERTAIN ASSETS OF DAWN HILL AND WINDHILL LIMITED			
Project: LANDS AT KILBRIDE, ARKLOW, Co. WICKLOW			
Drawing Title: PROPOSED SURFACE WATER DRAINAGE LAYOUT SHEET 4			
Drawn By: KD	Checked By: PD	Approved By: PD	Date: OCT 24
Project Number: DOBA2432	Drawing Number: 2432-DOB-XX-SI-DR-C-0240	Status Code: S2	Rev Number: P04