

**SURFACE WATER LEGEND:**

- EX SURFACE WATER SEWER
- EX SURFACE WATER MANHOLE
- EX SURFACE WATER INSPECTION CHAMBER
- EX SURFACE WATER ACCESS JUNCTION
- EX WATER COURSE
- EX COMBINED SEWER
- EX COMBINED MANHOLE
- EX SURFACE WATER TO BE RECOMMISSIONED
- 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
- PR RAINWATER HARVESTING INSPECTION CHAMBER
- 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 ROADS  
TO BE SURROUNDED IN 150mm CONCRETE PROTECTION IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-WW-07

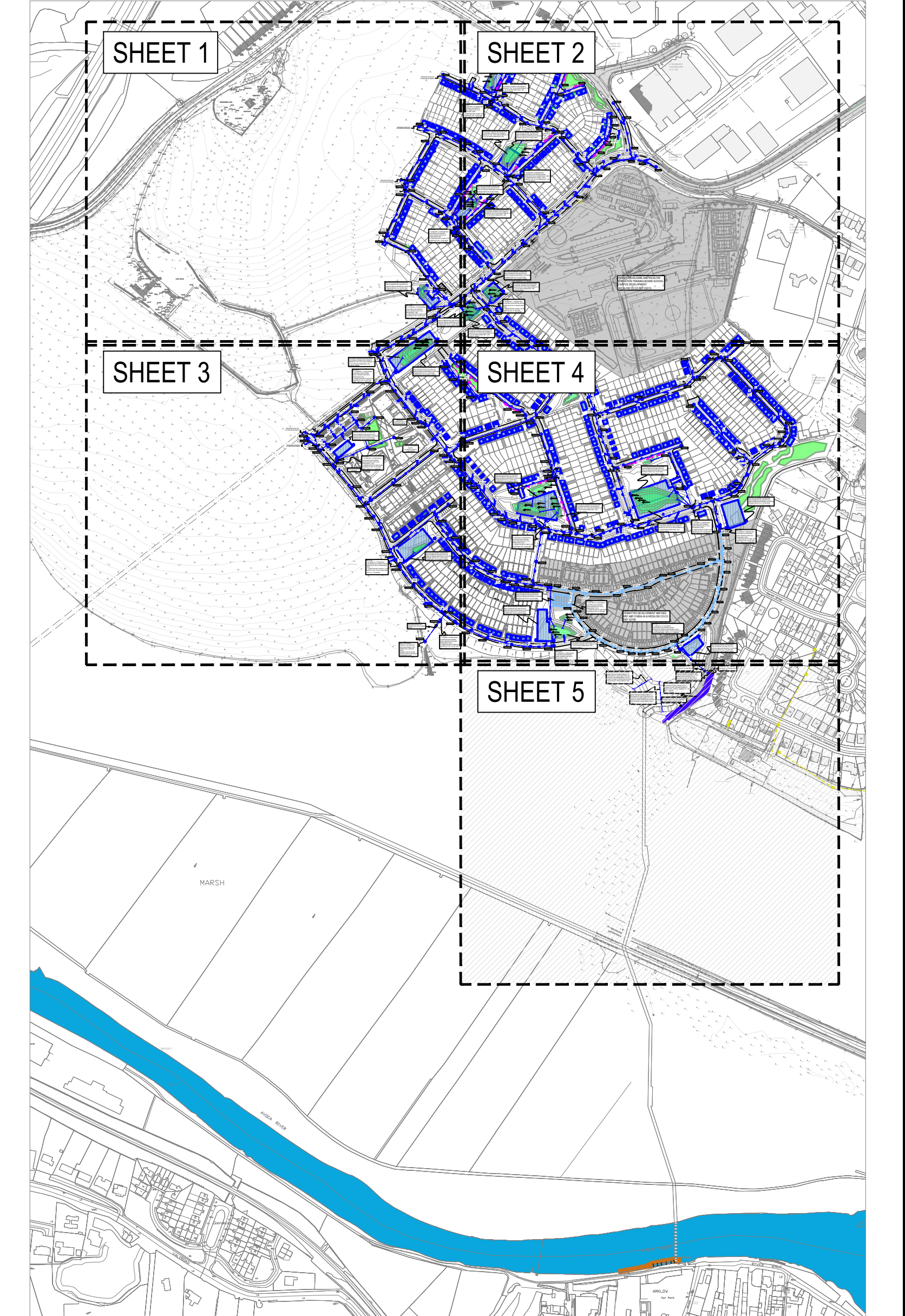
**NOTE 3:** ALL MANHOLE COVERS LOCATED IN GRASS AREAS TO BE SURROUNDED (Min. 200mm SURROUND) IN 100mm THK C20/25 CONCRETE APRON

**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.' ISSUED BY THE DEPARTMENT OF THE ENVIRONMENT
- B.S. 8005: PART 1 - SEWERAGE OR EQUIVALENT
- B.S. 8005: PART 2 - PIPES ON LAND OR EQUIVALENT: DESIGN, CONSTRUCTION & INSTALLATION
- B.S. 5985: PART 6 CODE OF PRACTICE FOR THE INSTALLATION OF UNPLASTICISED P.V.C. PIPEWORK FOR GRAVITY DRAINS & SEWERS OR EQUIVALENT
- EN1401 - 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



KEY PLAN SCALE 1:5000

PLANNING ISSUE

S2-P04	ISSUED FOR PLANNING	19.05.2025	KD	MJC
S2-P03	ISSUED FOR INFORMATION	16.04.2025	KD	MJC
S2-P02	ISSUED FOR S2B	25.10.2024	KD	MJC
S2-P01	DRAFT ISSUE	18.10.2024	NQ	MJC
Rev.	Note	Date	Drawn	Check
<div><div><b>DONNACHADH O'BRIEN</b> &amp; ASSOCIATES CONSULTING ENGINEERS</div><div>UNIT 3C ELM HOUSE MILLENNIUM PARK NAAS CO. KILDARE P +353 45 984 042 WWW.DOBAL.E</div></div>				
Client: CERTAIN ASSETS OF DAWN HILL AND WINDHILL LIMITED				
Project: LANDS AT KILBRIDE, ARKLOW, Co. WICKLOW				
Drawing Title: PROPOSED SURFACE WATER DRAINAGE LAYOUT SHEET 5				
Drawn By: KD	Checked By: DOB	Approved By: OCT-24	Scale: 1:500	Sheet Size: A0
Project Number: DOBA2432	Drawing Number: 2432-DOB-XX-SI-DR-C-0250	Status Code: S2	Rev Number: P04	