

### 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 SEWER 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 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-SUR-S0001 & S0002
- 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

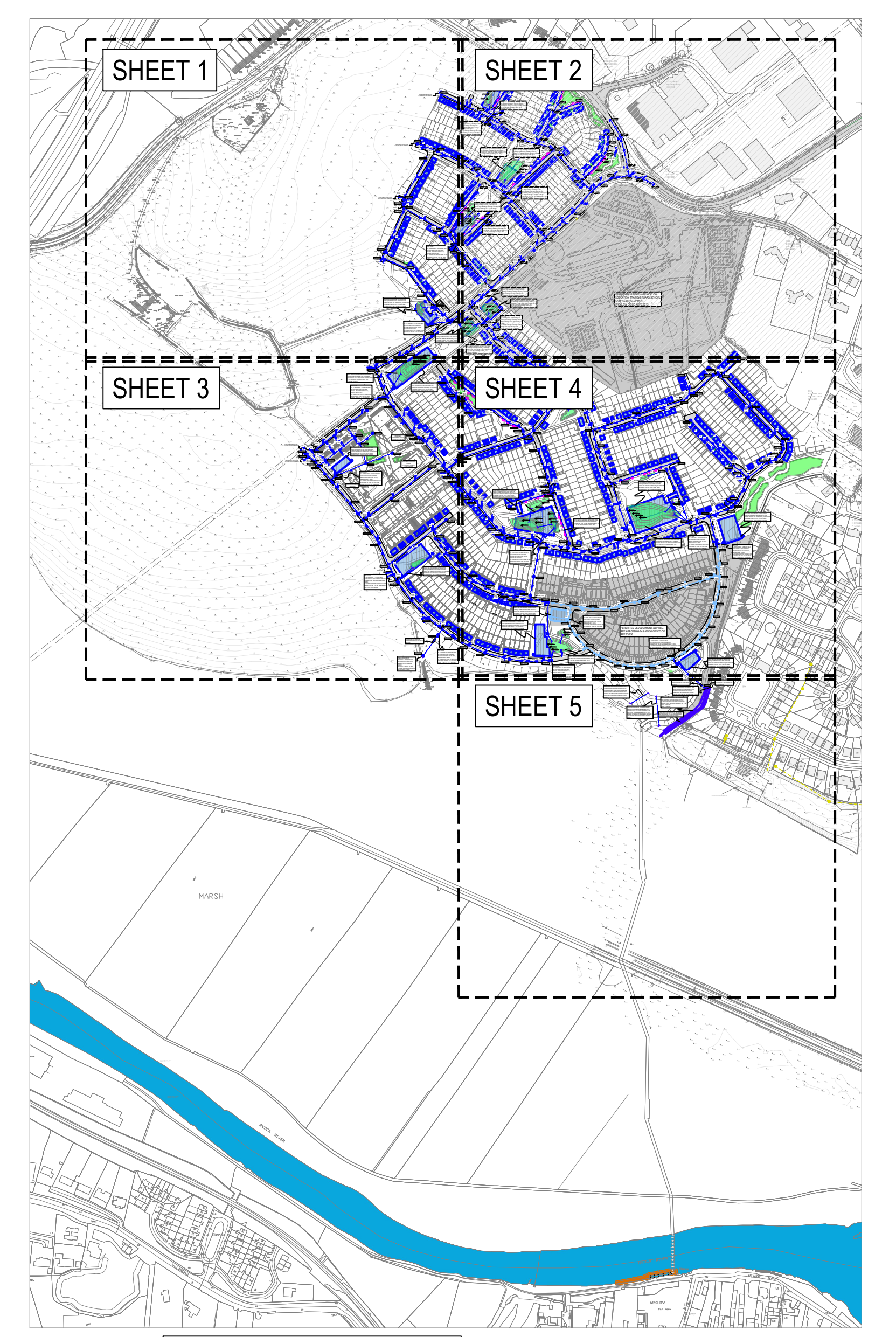
NOTE 3: ALL MANHOLE COVERS LOCATED IN GRASS AREAS TO BE SURROUNDED (Min. 200mm SURROUND) IN 100mm THK C20/25 CONCRETE APRON

### 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. 8006: PART 1 - SEWERAGE OR EQUIVALENT
  - B.S. 8009: 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. PROVISION FOR GRAVITY DRAINS & SEWERS OR EQUIVALENT
  - EN401 - UNPLASTICISED P.V.C. SEWER PIPE SPECIFICATION
  - B.S.6514 - UNPLASTICISED P.V.C. SOIL PIPE SPECIFICATION
  - DAHLG 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 S32B	25.10.2024	KD	MJC				
S2.P01	DRAFT ISSUE	18.10.2024	NQ	MJC				
Rev.	Note	Date	Drawn	Check				
<b>DONNACHADH O'BRIEN &amp; ASSOCIATES CONSULTING ENGINEERS</b>					UNIT 3C ELAM HOUSE MILLENNIUM PARK NAAS CO. KILDARE P+353 45 984 042			
Client: CERTAIN ASSETS OF DAWN HILL AND WINDHILL LIMITED					Project: LANDS AT KILBRIDE, ARKLOW, Co. WICKLOW			
Drawing Title: PROPOSED SURFACE WATER DRAINAGE LAYOUT SHEET 2					Drawn By: KD			
Checked By: PD					Approved By: OCT 24			
Project Number: DOBA2432					Drawing Number: 2432-DOB-XX-SI-DR-C-0220			
					Status Code: S2			
					Rev Number: P04			