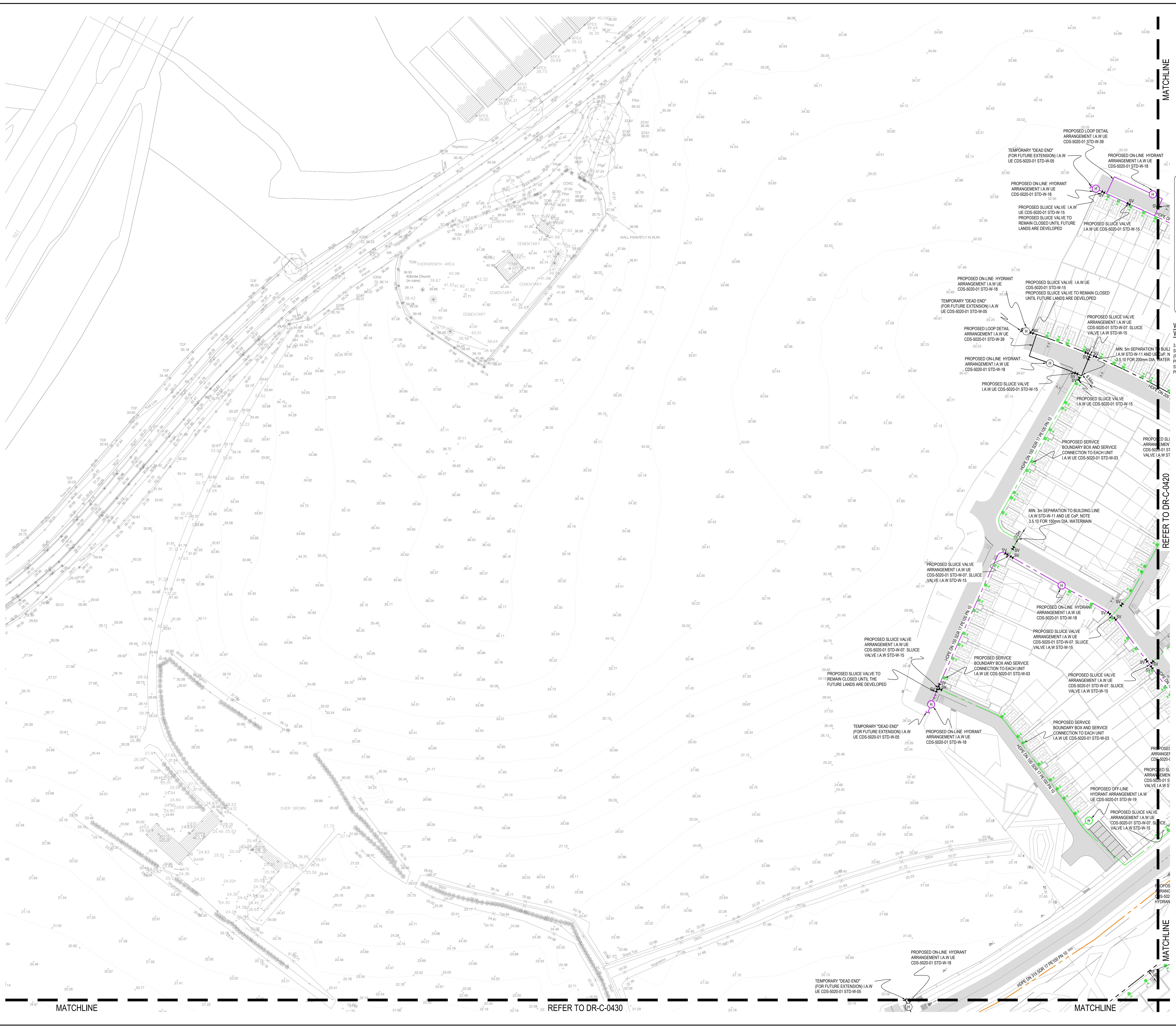




© COPYRIGHT: THIS DRAWING OR DESIGN MAY NOT BE REPRODUCED WITHOUT PERMISSION. DO NOT SCALE. CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY ERRORS OR OMISSIONS.

NOTES:

- FOR STANDARD DOBA NOTES REFER TO DRAWING 2402-DOB-XX-SI-DR-0001 & 0002
- 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

WATER SUPPLY LEGEND:

- EX. WATERMAIN
- WATERMAIN TO BE DECOMMISSIONED
- PR. 100mm DIA. WATERMAIN
- PR. 150mm DIA. WATERMAIN
- PR. 200mm DIA. WATERMAIN
- PR. 300mm DIA. WATERMAIN
- PR. USICE EIREANN UPGRADE WORKS (TO BE DELIVERED BY OTHERS)
- PR. HYDRANT
- PR. BULK METER
- PR. BOUNDARY BOX
- EX/ PERMITTED BOUNDARY BOX
- PR. AIR VALVE
- PR. SLUICE VALVE
- PR. SCOUR VALVE
- THRUST BLOCKS (OMITTED FOR CLARITY)

NOTE 1: MANHOLE COVER LEVELS ARE APPROXIMATE. ACTUAL COVER LEVELS SHOULD MATCH SURROUNDING FINISHED GROUND LEVELS U.N.O.

NOTE 2: ALL WATERMANS TO BE PROVIDED WITH COVER IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-13 AND CLAUSE 3.11 OF IW-CDS-5020-03.

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

NOTE 4: AIR VALVE AND HYDRANT COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY A CONCRETE PLINTH, 300mm ALL ROUND AND 100mm DEEP, FORMED WITH C20/25 CONCRETE, 20mm AGGREGATE SIZE, AND BEDDED IN CLAUSE 8/4 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCEMENT LINKS AND SHALL HAVE A BULL NOSE FINISH AROUND ITS EXTERNAL PERIMETER. SEE SECTION 3.18 OF IW-CDS-5020-03

WATERMAIN MATERIAL TO BE IN ACCORDANCE WITH IW-CDS-5020-03 SECTION 3.9.2

3.9.2 MOPE & HOPE PIPES SHALL BE OF A TYPE PE-80 & HAVE AN SDR-11 OR SDR-17 RATING. THEY SHALL CONFORM TO IS EN 12201 PART 1 & PART 2 (PLASTIC SYSTEMS FOR WATER SUPPLY, DRAINAGE & SEWERAGE UNDER PRESSURE - PART 1: GENERAL, & PART 2: PIPES & FITTINGS) & EN 12201-3 (PLASTIC SYSTEMS FOR WATER SUPPLY, DRAINAGE & SEWERAGE UNDER PRESSURE - PART 3: FITTINGS).



KEY PLAN SCALE 1:5000

PLANNING ISSUE

S2.P07	ISSUED FOR PLANNING	19.05.2025	KD	MJC
S2.P06	ISSUED FOR INFORMATION	16.04.2025	KD	MJC
S2.P05	ISSUED FOR USICE EIREANN SODA APPROVAL	11.04.2025	KD	MJC
S2.P04	ISSUED FOR USICE EIREANN SODA APPROVAL	10.04.2025	KD	MJC
S2.P03	ISSUED FOR USICE EIREANN SODA APPROVAL	31.03.2025	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
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 WATER SUPPLY LAYOUT SHEET 1				
Drawn By: KD	Checked By: PD	Approved By: DO	Date: OCT-24	Scale: 1:500
Project Number: DOBA2432	Drawing Number: 2432-DOB-XX-SI-DR-C-0410	Status Code: S2	Rev Number: P07	Sheet Size: A0