



NOTES:

- FOR STANDARD DOBA NOTES REFER TO DRAWING 2432-DOB-XX-SI-DR-S-0001 & S-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

WASTEWATER LEGEND:

- EX. WASTEWATER SEWER
- EX. WASTEWATER MANHOLE
- EX. COMBINED SEWER
- EX. COMBINED MANHOLE
- EX. WASTEWATER SEWER TO BE DECOMMISSIONED
- PR. WASTEWATER SEWER
- PR. WASTEWATER MANHOLE
- PR. BACKDROP IN MH
- PR. SERVICE INSPECTION CHAMBER
- PR. EXISTING/ PERMITTED SERVICE INSPECTION CHAMBER
- PR. UISCE EIREANN PWSA SEWER UPGRADE WORKS (TO BE DELIVERED BY OTHERS)

- NOTE 1: MANHOLE COVER LEVELS ARE APPROXIMATE. ACTUAL COVER LEVELS SHOULD MATCH SURROUNDING FINISHED GROUND LEVELS U.N.O.
- NOTE 2: ALL WASTEWATER SEWERS TO BE PROVIDED WITH COVER (WITHOUT PROTECTION) IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-WW-07 AND CLAUSE 3.9 OF IW-CDS-5030-03.
- NOTE 3: FOR WASTEWATER SEWERS REQUIRING PROTECTION, REFER TO IRISH WATER STANDARD DETAIL STD-WW-08 AND CLAUSE 3.9 OF IW-CDS-5030-03.
- NOTE 4: ALL MANHOLE COVERS LOCATED IN GRASS AREAS TO BE SURROUNDED (Min. 200mm SURROUND) IN 100mm THK C20/25 CONCRETE APRON
- NOTE 5: THE EXTERNAL FACE OF THE PROPOSED MANHOLE CHAMBERS SHALL BE A MINIMUM OF 0.5m FROM THE KERB LINE, AND THE EXTERNAL FACE OF THE SEWERS SHALL BE A MINIMUM OF 1.0m FROM THE KERB LINE IN ACCORDANCE WITH SECTION 3.5.15 OF IW-CDS-5030-03

FOUL PIPE MATERIAL TO BE IN ACCORDANCE WITH IW-CDS-5030-03 SECTION 3.13.2

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 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
- 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
- TP

- 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.' ISSUED BY THE DEPARTMENT OF THE ENVIRONMENT
- B.S. 8005: PART 1 - SEWERAGE OR EQUIVALENT
- B.S. 8010: PART 2 - PIPELINES ON LAND OR EQUIVALENT: DESIGN, CONSTRUCTION & INSTALLATION
- B.S. 5955: 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.3.4514 - UNPLASTICISED P.V.C. SOIL PIPE SPECIFICATION
- DEH&G SITE DEVELOPMENT WORKS & SECTION 11 OF THE BUILDING REGULATIONS

WATER SUPPLY LEGEND:

- EX. WATERMAIN
- EX. WATERMAIN TO BE DECOMMISSIONED
- PR. 100mm DIA. WATERMAIN
- PR. 150mm DIA. WATERMAIN
- PR. 200mm DIA. WATERMAIN
- PR. 300mm DIA. WATERMAIN
- PR. UISCE 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, 200mm ALL ROUND AND 100mm DEEP, FORMED WITH C20/25 CONCRETE, 20mm AGGREGATE SIZE, AND BEDDED IN CLAUSE 804 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCEMENT LINKS AND SHALL HAVE A BULL-NOSE FINISH AROUND ITS EXTERNAL PERIMETER. SEE SECTION 3.16 OF IW-CDS-5020-03

PLANNING ISSUE

S2 P03	ISSUED FOR PLANNING	19.05.2025	KD	MJC
S2 P02	ISSUED FOR INFORMATION	16.04.2025	KD	MJC
S2 P01	ISSUED FOR UISCE EIREANN SoDA APPROVAL	31.03.2025	KD	MJC
Rev.	Note	Date	Drawn	Check

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Client:	CERTAIN ASSETS OF DAWNHILL AND WINDHILL LIMITED					
Project:	LANDS AT KILBRIDE, ARKLOW, Co. WICKLOW					
Drawing Title:	PROPOSED COMBINED DRAINAGE LAYOUT OVERALL					
Drawn By: KD	Checked By: PD	Approved By: DOB	Date: MAR 25	Scale: 1:1500	Sheet Size: A0	
Project Number: DOB2432	Drawing Number: 2432-DOB-XX-SI- DR-C-0490				Status Code: S2	Rev Number: P03