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**NOTES:**

- FOR STANDARD DOBA NOTES REFER TO DRAWING 2327-DOB-NEW-SI-DR-C-0001 & 0002
- REFER TO ARCHITECT'S DRAWINGS FOR ALL SITE & APPLICATION BOUNDARIES
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT'S & ENGINEER'S 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 DETAIL 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

**SURFACE WATER LEGEND**

- PROPOSED 110mmØ STORM WATER SEWER
- SMH ● PROPOSED SURFACE WATER MANHOLE
- SIC □ PROPOSED INSPECTION CHAMBER
- SAJ ○ PROPOSED STORM WATER AJ
- RWP ○ PROPOSED RAINWATER PIPE
- GT □ GULLY TRAP
- EX. SURFACE WATER SEWER
- EX. ROAD GULLY
- PR. RAIN GARDEN

**WASTEWATER LEGEND**

- PROPOSED 110mmØ WASTEWATER SEWER
- WwIC □ PROPOSED INSPECTION CHAMBER
- WwAJ ○ PROPOSED WASTEWATER AJ
- WwMH ○ EX. WASTEWATER MANHOLE
- EX. WASTEWATER SEWER
- EX. WASTEWATER MANHOLE

**WATERMAIN LEGEND**

- PROPOSED WATERMAIN
- PROPOSED BOUNDARY BOX
- EXISTING WATERMAIN

- 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 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 4: PIPES WITH LESS COVER THAN
- 80mm FOR GRASSED AREAS
  - 90mm FOR FOOTPATHS
  - 120mm FOR ROADS
- TO BE SURROUNDED IN 150mm CONCRETE PROTECTION IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-WW-07
- NOTE 5: 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 GREATER DUBLIN REGION CODE OF PRACTICE FOR DRAINAGE WORKS**

- UNPLASTICISED P.V.C. PIPES MUST COMPLY WITH THE "PROVISIONAL SPECIFICATION FOR SOIL PIPES, DRAINS, SEWERS & FITTINGS MADE OF UNPLASTICISED P.V.C." ISSUED BY THE DEPARTMENT OF THE ENVIRONMENT
- B.S. 8005: PART 1 - SEWERAGE OR EQUIVALENT
- B.S. 8010: PART 2 - PIPES LINES 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 OF EQUIVALENT

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

3.13.2 THERMOPLASTIC STRUCTURAL WALL PIPES: THERMOPLASTIC STRUCTURED WALL PIPES SHALL COMPLY WITH THE PROVISIONS OF IS EN 13476 (2007/2009). PIPES TO BE OF STIFFNESS CLASS Bn111 & TO BE CAPABLE OF DEMONSTRATING A JETTING RESISTANCE OF 2,000 PSI (180 BAR) WITHOUT DAMAGE WHEN TESTED IN ACCORDANCE WITH SECTION 3.3 OF WS 4-35-01 (2008). (SEWER DIAMETERS 150mm UP TO 450mm. SERVICE CONNECTIONS OF 150mm DIAMETER)

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

3.9.2 MDPE & HDPE 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) & I.S. EN 12201-3 (PLASTIC SYSTEMS FOR WATER SUPPLY, DRAINAGE & SEWERAGE UNDER PRESSURE - PART 3: FITTINGS).

**ISSUED FOR PART 8 PLANNING**

S2.P03	ISSUED FOR PART 8 PLANNING	19.07.2024	BB	PD
S2.P02	ISSUED FOR INFORMATION	30.05.2024	BB	PD
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Rev.	Note	Date	Drawn	Check

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Client: KILDARE COUNTY COUNCIL ARCHITECTURAL SERVICES

Project: 1 MADDENSTOWN TERRACE, CURRRAGH, CO KILDARE

Drawing Title: PROPOSED COMBINED SERVICES

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