NOTE:
MANHOLE COVER LEVELS DO NOT INCLUDE FOR RAISED TABLES. SEE DRAWING KWW-BMD-00-XX-DR-C-12111 FOR DETAIL. 75mm TO BE ADDED TO ALL COVER LEVELS THAT ARE LOCATED ON RAISED TABLES.

PHASE 1 - AREA CURRENTLY UNDER CONSTRUCTION AND NOT PART OF THIS PLANNING APPLICATION.

PHASE 1
(UNDER CONSTRUCTION)

PHASE 2

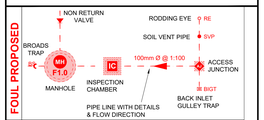
DRAINAGE AND WATERMAIN LAYOUT MAIN PLAN

SCALE @ A0: 1:500
SCALE @ A2: 1:1000

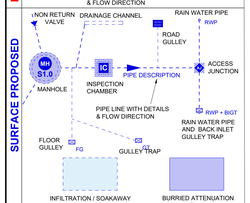
NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECT'S DRAWINGS.FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - ASK.
2. CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

FOUL PROPOSED



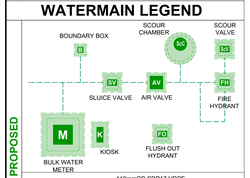
SURFACE PROPOSED



IRISH WATER PHASE 1 CONNECTION APPLICATION ZONE
IRISH WATER CONNECTION APPLICATION AREAS AS AGREED UNDER CDS20007232301
SITE BOUNDARY LINE
GREENWAY
LATERAL INLET KERB AT 4M C/C. STANDARD KERB OF SIMILAR HEIGHT IN BETWEEN
ROAD GULLY
KERB CUTS 300M WIDE

WATERMAIN LEGEND

PROPOSED



110mmOD SDR17 HDPE
180mmOD SDR17 HDPE

NOTES:

1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CIVIL ENGINEERING SPECIFICATION AND STANDARD CONSTRUCTION DETAILS. CONSTRUCTION PRODUCTS SUPPLIED ON THIS PROJECT ARE TO BE IN ACCORDANCE WITH THE EU CONSTRUCTION PRODUCTS REGULATION (NO.305/2011-CPR). PRODUCTS ARE TO BEAR THE CE MARKING LABEL & ARE TO BE IN ACCORDANCE WITH THE HARMONISED EUROPEAN STANDARDS (HENS) OR, FOR PRODUCTS NOT COVERED BY THE HENS, ARE TO BE IN ACCORDANCE WITH THE EUROPEAN ASSESSMENT DOCUMENTS (EADS). THE NATIONAL STANDARDS AUTHORITY OF IRELAND (NSAI) HAS PRODUCED ADDITIONAL GUIDANCE TO SOME HENS IN THE FORM OF NATIONAL ANNEXES OR STANDARD RECOMMENDATIONS (SR1) WHICH SET OUT APPROPRIATE MINIMUN PERFORMANCE LEVELS FOR SPECIFIC INTENDED USES OF THE PRODUCT IN IRELAND. NSAI HOST THIS INFORMATION AT WWW.NSAI.IE
2. CONTRACTOR IS TO REFER TO GENERAL NOTES-STRUCTURAL DRAWING FOR DETAILS RELATING TO EXCAVATIONS, FOUNDATIONS & BACKFILLING, CAST IN-SITU CONCRETE ETC.
3. ALL DIMENSIONS IN METERS UNLESS SPECIFIED OTHERWISE.
4. ALL CO-ORDINATES ARE TO IRISH TRASVERSE MERCATOR.
5. ALL LEVELS ARE TO ORDNANCE DATUM (MALIN HEAD).
6. ALL EXISTING LEVELS, EXISTING SITE TOPOGRAPHY AND SURROUNDING SITE TOPOGRAPHY HAS BEEN TAKEN FROM SURVEY DRAWING PROVIDED TO BMCE.
7. UISCE EIREANN
   - 7.1. ALL WATER SUPPLY WORKS TO BE IN ACCORDANCE WITH UISCE EIREANN "CODE OF PRACTICE FOR WATER INFRASTRUCTURE'. THE CONTRACTOR IS TO REFER TO UISCE EIREANN 'WATER INFRASTRUCTURE STANDARD DETAILS'. A SAMPLE OF RELEVANT DETAILS ARE PROVIDED AT BMCE DRAWING, HOWEVER THE CONTRACTOR IS ADVISED UISCE EIREANN'S DOCUMENT TAKES PRECEDENCE.
   - 7.2. PRIOR TO THE COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR IS TO CARRY OUT A FLOW TEST ON ALL EXISTING FIRE HYDRANTS ON THE SITE AND WITHIN 15m OF THE SITE BOUNDARY. TEST RESULTS ARE TO BE CIRCULATED TO THE PROJECT FIRE CONSULTANT AND BMCE FOR REVIEW.
   - 7.3. WITH REFERENCE TO UISCE EIREANN QUALITY ASSURANCE FIELD INSPECTION REQUIREMENTS MANUAL, BMCE WILL PROVIDE THE SERVICES AS LISTED FOR THE 'DEVELOPER'S DESIGN ENGINEER'.
   - 7.4. THE CONTRACTOR IS TO INCLUDE FOR ALL SERVICES AS LISTED FOR THE 'DEVELOPER'S CONSTRUCTION ENGINEER' AND ALL LIAISONS WITH UISCE EIREANN FIELD ENGINEER. THIS INCLUDES ALL TESTING AND COMMISSIONING OF THE WATER AND/OR WASTEWATER INFRASTRUCTURE AND CONFIRMATION OF THE RESULTS OF ALL TESTING AND COMMISSIONING BY WAY OF ANCILLARY CERTIFICATES AND TEST RESULT CERTIFICATES, IN RESPECT OF THE ON-SITE, OFF-SITE TESTING AND COMMISSIONING OF THE WATER AND/OR WASTEWATER INFRASTRUCTURE. BMCES RESPONSIBILITY WILL BE LIMITED TO A DESKTOP REVIEW OF THE TESTING RECORDS CONDUCTED AND WITNESSED BY OTHERS (LOCAL AUTHORITY / UISCE EIREANN FIELD ENGINEERS) THAT THE WATER AND/OR WASTEWATER IFRASTRUCTURE HAS BEEN APPROPRIATELY TESTED ON SITE.
8. FIRE CERT & FIRE FIGHTING STRATEGY
   - (i) BMCE ARE NOT RESPONSIBLE FOR THE DEVELOPMENT FIRE CERT APPLICATION OR THE FIRE FIGHTING STRATEGY FOR THE SITE / DEVELOPMENT. WE NOTE UISCE EIREANNS CODE OF PRACTICE FOR WATER INFRASTRUCTURE (JULY 2020 REVISION 2) CLAUSE 1.17 RELATING TO FIRE AUTHORITY LIAISON. WE NOTE ALL RESPONSIBILITIES RELATING TO "THE DEVELOPER" ARE NOT WITHIN BMCE'S SCOPE OF WORKS. WE ALSO NOTE RESPONSIBILITY FOR ANY "LIAISONS WITH THE FIRE AUTHORITY AND AGREEING ALL ARRANGEMENTS FOR THE PROVISION OF FIRE FLOW FOR FIRE FIGHTING PURPOSES" AS OUTLINED IN CLAUSE 1.17 ARE ALSO NOT PART OF BMCE'S SCOPE OF WORK.
   - (ii) THE CLIENT / PROJECT FIRE CONSULTANT ARE TO SATISFY THEMSELVES THAT ALL EXISTING AND PROPOSED FIRE HYDRANTS WILL PROVIDE SUFFICIENT FLOWS FOR FIRE FIGHTING PURPOSES.
   - (iii) BMCE WILL INDICATE THE EXISTING AND PROPOSED WATERMAIN LAYOUT FOR THE SITE INCLUDING THE LOCATION OF EXISTING AND PROPOSED FIRE HYDRANTS. HOWEVER AS OUTLINED ABOVE, WILL TAKE NO RESPONSIBILITY FOR THE PERFORANCE FOR FIRE FIGHTING PURPOSES.

RISUE	DATE	DESCRIPTION	BY / Ck	CF / Ck
PL1	08.08.25	ISSUED FOR PLANNING		

DRAWING STAGE: **PLANNING**

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CLIENT: **SEATTLE CONSTRUCTION LTD.**

PROJECT TITLE: **KILWOGHAN WOODS, CELBRIDGE, CO KILDARE**

BM PROJECT No.: **24.283**

MODEL REFERENCE: -

MODEL REV.: **0**

SUITABILITY: **S0**

DRAWING TITLE: **DRAINAGE AND WATERMAIN LAYOUT MAIN PLAN**

DRAWING No.: **KWW-BMD-00-XX-DR-C-13210**

ISSUE: **PL1**