



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

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS' & ARCHITECTS' DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING). THERE TO BE ADDED TO ALL COVER LEVELS THAT ARE LOCATED ON RAISED TABLES.

2. CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

FOUL PROPOSED

SURFACE PROPOSED

PROPOSED

WATERMAIN LEGEND

BOUNDARY BOX

SCOUR VALVE

SLUICE VALVE

AIR VALVE

FLUSH OUT HYDRANT

BULK WATER METER

KIOSK

110mm G.D. SDR17 HDPE

160mm G.D. 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 CONSTRUCTION PRODUCTS REGULATION (NO.3052011-CPH). PRODUCTS ARE TO BEAR THE CE MARKING LABEL AND ARE TO BE IN ACCORDANCE WITH THE HARMONISED EUROPEAN STANDARDS (EN) OR FOR PRODUCTS NOT COVERED BY THE EN, ARE TO BE IN ACCORDANCE WITH THE EUROPEAN ASSESSMENT DOCUMENTS (EAD). THE NATIONAL STANDARD AUTHORITY OF IRELAND (NSAI) HAS PRODUCED ADDITIONAL GUIDANCE TO SOME EN IN THE FORM OF NATIONAL ANNEXES OR STANDARD RECOMMENDATIONS (US) WHICH SET OUT APPROPRIATE MINIMUM PERFORMANCE LEVELS FOR SPECIFIC INTENDED USES OF THE PRODUCT IN IRELAND. NSAI HOSTS THIS INFORMATION AT WWW.NSA.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 ARE IN METERS UNLESS SPECIFIED OTHERWISE.

4. ALL CO-ORDINATES ARE TO IRISH TRANSVERSE MERCATOR.

5. ALL LEVELS ARE TO ORDNANCE DATUM (MALM HEAD).

6. ALL EXISTING LEVELS EXISTING SITE TOPOGRAPHY AND SURROUNDING SITE TOPOGRAPHY HAS BEEN TAKEN FROM SURVEY DRAWING PROVIDED TO BACE.

7. USICE EIR/ANN.

7.1. ALL WATER SUPPLY WORKS TO BE IN ACCORDANCE WITH USICE EIR/ANN 'CODE OF PRACTICE FOR WATER INFRASTRUCTURE'. THE CONTRACTOR IS TO REFER TO USICE EIR/ANN 'WATER INFRASTRUCTURE STANDARD DETAILS' A SAMPLE OF RELEVANT DETAILS ARE PROVIDED AT BACE DRAWINGS. HOWEVER THE CONTRACTOR IS ADVISED USICE EIR/ANN'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 BACE FOR REVIEW.

7.3. WITH REFERENCE TO USICE EIR/ANN QUALITY ASSURANCE FIELD INSPECTION REQUIREMENTS MANUAL, BACE 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 DESIGN ENGINEER' AND ALL LIAISONS WITH USICE EIR/ANN FIELD ENGINEER. THIS INCLUDES ALL TESTING AND COMMISSIONING OF THE WATER AND WASTEWATER INFRASTRUCTURE AND CONFIRMATION OF THE RESULTS OF ALL TESTING AND COMMISSIONING BY WAY OF ANNUAL CERTIFICATES AND TEST RESULTS CERTIFICATES. IN RESPECT OF THE ON-SITE, OFF-SITE TESTING AND COMMISSIONING OF THE WATER AND WASTEWATER INFRASTRUCTURE, BACE'S RESPONSIBILITY WILL BE LIMITED TO A DESKTOP REVIEW OF THE TESTING RECORDS CONDUCTED AND WITNESSED BY OTHERS LOCAL AUTHORITY / USICE EIR/ANN FIELD ENGINEERS THAT THE WATER AND WASTEWATER INFRASTRUCTURE HAS BEEN APPROPRIATELY TESTED ON SITE.

8. FIRE CERT & FIRE FIGHTING STRATEGY

(i) BACE ARE NOT RESPONSIBLE FOR THE DEVELOPMENT FIRE CERT APPLICATION OR THE FIRE FIGHTING STRATEGY FOR THE SITE DEVELOPMENT. WE NOTE USICE EIR/ANN'S 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 BACE'S SCOPE OF WORKS. WE ALSO NOTE RESPONSIBILITY FOR ANY LIAISONS WITH THE FIRE AUTHORITY AND AGREED ALL ARRANGEMENTS FOR THE PROVISION OF FIRE FLOW FOR FIRE FIGHTING PURPOSES AS OUTLINED IN CLAUSE 1.17 ARE ALSO NOT PART OF BACE'S SCOPE OF WORK.

(ii) THE CLIENT / PROJECT FIRE CONSULTANT ARE TO SATISFY THEMSELVES THAT ALL EXISTING AND PROPOSED FIRE HYDRANTS WILL PROVIDE SUFFICIENT FLOW FOR FIRE FIGHTING PURPOSES.

(iii) BACE WILL INDICATE THE EXISTING AND PROPOSED WATERMAIN LAYOUT FOR THE SITE INCLUDING THE LOCATION OF EXISTING AND PROPOSED FIRE HYDRANTS. HOWEVER AS OUTLINED ABOVE, WE TAKE NO RESPONSIBILITY FOR THE PERFORMANCE FOR FIRE FIGHTING PURPOSES.

PL2	08.07.20	ISSUED FOR PLANNING
PL1	08.08.20	ISSUED FOR PLANNING

ISSUE DATE DESCRIPTION

DRAWING STAGE

PLANNING

BM

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ACEI

The Institution of Structural Engineers

CE

Client

SEATTLE CONSTRUCTION LTD.

PROJECT TITLE

KILWOUGH WOODS, CELBRIDGE, CO KILDARE

BM PROJECT NO.

24.283

MODEL REFERENCE

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DRAWING TITLE

DRAINAGE AND WATERMAIN LAYOUT MAIN PLAN

DRAWING NO.

KWW-BMD-00-XX-DR-C-13210

ISSUE

PL2