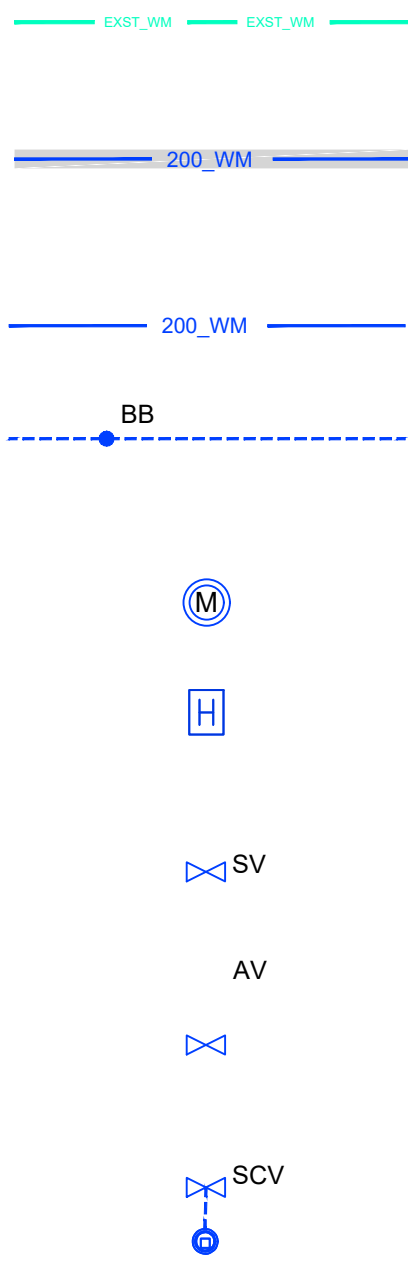


ISO A1 594mm x 841mm  
Approved: LS  
Checked: MI  
Drawn By: HB  
Project Management Initials:  
Last saved by: KARL MULLIGAN(2022.03.14) Last Plotted: 2022.03.14  
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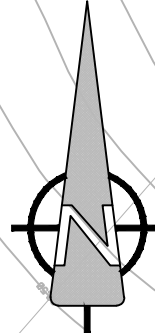
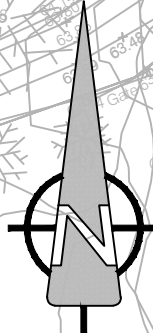
LEGEND

- EXISTING 1000mm PUBLIC WATERMAIN.....
- EXISTING 1000mm PUBLIC WATERMAIN TO BE UPGRADED, IN ACCORDANCE WITH IRISH WATER PRE-CONNECTION ENQUIRY RESPONSE TO 2000mm PE SDR11 OR SDR17 (TO BE ADVISED BY IRISH WATER PRIOR TO COMMENCEMENT) - MINIMUM COVER: 900mm.....
- PROPOSED HDPE WATERMAIN (SIZE AS SHOWN).....
- PROPOSED 200mm (INTERNAL) HDPE WATER SUPPLY CONNECTION PIPELINES AND BOUNDARY BOXES TO COMPLY WITH IRISH WATER'S CODE OF PRACTICE AND STANDARD DETAIL STD-W-03.....
- PROPOSED BULK WATERMETER TO COMPLY WITH IRISH WATER'S CODE OF PRACTICE AND STANDARD DETAIL STD-W-26.....
- PROPOSED FIRE HYDRANT TO COMPLY WITH IRISH WATER'S CODE OF PRACTICE AND STANDARD DETAIL STD-W-18.....
- PROPOSED SLUICE VALVE TO COMPLY WITH IRISH WATER'S CODE OF PRACTICE AND STANDARD DETAIL STD-W-15.....
- PROPOSED AIR VALVE AT HIGH POINTS TO COMPLY WITH IRISH WATER'S CODE OF PRACTICE AND STANDARD DETAIL STD-W-22.....
- PROPOSED OFFLINE SCOUR VALVE AT LOW POINTS TO DISCHARGE TO SCOUR CHAMBER TO COMPLY WITH IRISH WATER'S CODE OF PRACTICE AND STANDARD DETAIL STD-W-30.....
- PROPOSED RED LINE BOUNDARY.....
- LAND OWNERSHIP BOUNDARY.....



MATCHLINE  
FOR CONTINUATION  
SEE DRAWING NUMBER  
COO-ACM-00-00-DR-CE-00-2701

FOR CONTINUATION  
SEE DRAWING NUMBER  
COO-ACM-00-00-DR-CE-00-2701



**B**  
2705

**PROPOSED WATER  
SUPPLY INSET A**

Scale: 1:500

**AECOM  
PLANNING**

**AECOM**

PROJECT

PROPOSED RESIDENTIAL  
DEVELOPMENT AT  
COOLAGAD, GREYSTONES,  
CO. WICKLOW

CLIENT

CAIRN HOMES PROPERTIES  
LIMITED

CONSULTANT

AECOM  
4th Floor Adelphi Plaza,  
George's Street Upper,  
Dun Laoighaire,  
Co Dublin  
Tel: +353 (0)1 696 6220  
www.aecom.com

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS. ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER.
- ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS.
- AECOM LIMITED TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
- DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
- DO NOT SCALE. ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
- THE DEVELOPMENT SHALL HAVE A BULK WATER METER (EXACT LOCATION TO BE AGREED WITH IRISH WATER) IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE SECTION 3.15.4.
- EACH HOUSE UNIT SHALL HAVE AN APPROVAL BOUNDARY BOX (REFER TO APPENDIX A OF THE IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE) WITH INTEGRAL STOPCOCK AND SUITABLE FOR THE RECEPTION OF A WATER METER (REFER TO IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.14).
- ALL PROPERTIES SHALL HAVE METERS INSTALLED INTERNALLY WITHIN THE PREMISES IN ACCORDANCE WITH THE BUILDING CONTROL AUTHORITY'S REQUIREMENTS AND SUBJECT TO REVIEW BY IRISH WATER AS PER IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.15.2.
- ALL PROPOSED WATERMAIN PIPEWORK TO BE HDPE WITH MINIMUM PE80 RATING IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
- ALL WATERMANS WILL HAVE A MINIMUM COVER OF 900mm. ALL SERVICE PIPES CONNECTING PROPERTIES WILL HAVE MINIMUM COVER OF 750mm.
- HYDRANTS SHALL BE DOUBLE FLANGED DRILLED TO PN16 AND SHALL COMPLY WITH BS EN 14339, IS EN 1074 PART 6 AND 135 750. REFER TO IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.16.5.
- SLUICE VALVES HAVE BEEN PROVIDED SO THAT INDIVIDUAL SECTIONS CAN BE ISOLATED & WILL COMPLY TO BS 5163. THE DEPTH OF THE SLUICE VALVE SPINDLE CAP BELOW FINISHED GROUND WILL NOT EXCEED 300mm.
- ALL WATERMAIN DETAILS TO BE IN ACCORDANCE WITH THE IRISH WATER INFRASTRUCTURE STANDARD DETAILS AND CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
- HYDRANTS LOCATION & THE HYDRANT TYPE IS TO BE DETERMINED IN ACCORDANCE WITH WICKLOW COUNTY COUNCIL IRISH WATER & THE CHIEF FIRE OFFICERS REQUIREMENTS.
- EXISTING SERVICES SHOWN ON DRAWINGS ARE BASED ON PUBLIC RECORDS AVAILABLE AT THE DATE OF THIS PLANNING APPLICATION. RECORDS COULD BE INACCURATE. THEREFORE SHOULD BE VERIFIED VIA GPR SURVEY.

KEY



ISSUE/REVISION

| 0   | 11.03.2022 | ISSUED FOR PLANNING |
|-----|------------|---------------------|
| I/R | DATE       | DESCRIPTION         |

PROJECT NUMBER

60578132

SHEET TITLE

PROPOSED WATER SUPPLY  
SHEET 4 OF 5

SHEET NUMBER

COO-ACM-00-00-DR-CE-00-2704

**A** **PROPOSED WATER SUPPLY - SHEET 4 OF 5**

2704

Scale: 1:500

ORDNANCE SURVEY IRELAND LICENCE NO CYAL50217544  
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