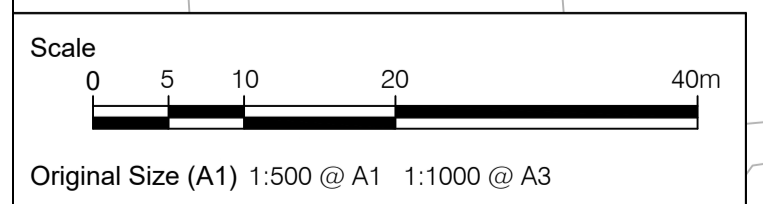


- NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS. ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER.
  - ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS.
  - AECOM 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.
  - REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR OPEN SPACE AND PLANTING DETAILS.
  - 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 APARTMENTS AND COMMERCIAL 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 AND 13.15.3.
  - ALL PROPOSED WATERMAIN PIPEWORK TO BE HDPE WITH MINIMUM PE80 AND SDR11 OR SDR17 RATING IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.9.
  - 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 14539, IS EN 1074 PART 9 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.

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**LEGEND:**

- EXISTING PUBLIC WATERMAIN..... EXIST WM
- PROPOSED Ø150mm HDPE WATERMAIN AS PER IRISH CODE OF PRACTICE SECTION 3.9.2..... 150 WM
- PROPOSED Ø100mm HDPE WATERMAIN AS PER IRISH WATER CODE OF PRACTICE SECTION 3.9.2..... WM
- PROPOSED Ø100mm HDPE RIDER WATERMAIN AS PER IRISH WATER CODE OF PRACTICE SECTION 3.9.2..... WM
- PROPOSED Ø25mm WATER SUPPLY CONNECTION PIPELINES AND METERS TO INDIVIDUAL UNITS AS PER IRISH WATER CODE OF PRACTICE SECTIONS 3.9.2 AND 3.14..... BB
- PROPOSED Ø32mm WATER SUPPLY CONNECTION PIPELINES AND METERS TO INDIVIDUAL UNITS AS PER IRISH WATER CODE OF PRACTICE SECTIONS 3.9.2 AND 3.14..... BB
- PROPOSED DEVELOPABLE AREA.....
- PROPOSED FIRE HYDRANT..... H
- PROPOSED SLUICE VALVE..... SV
- PROPOSED SCOUR VALVE AT LOW POINTS TO STORM SEWER NETWORK..... SCV
- PROPOSED AIR VALVE AT HIGH POINTS..... AV
- PROPOSED BULK WATER METER..... M



PROPOSED WATER METER AND SLUICE VALVE ARRANGEMENT TO IRISH WATER REQUIREMENTS. EXACT LOCATION TO BE AGREED WITH IRISH WATER.

**AECOM**

**PROJECT**

**PROPOSED RESIDENTIAL DEVELOPMENT AT GLOUNTHAUNE, CO. CORK**

**CLIENT**

**BLUESCAPE LTD**

**CONSULTANT**

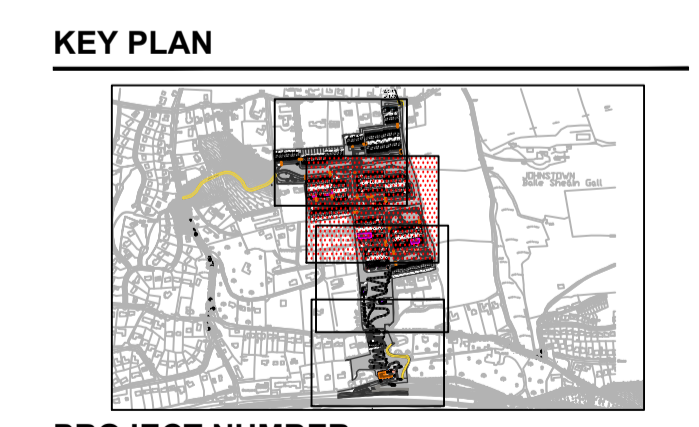
AECOM  
 Adelphi Plaza  
 George's Street Upper  
 Dun Laoghaire Co.Dublin  
 +353 (0) 1 238 3100 tel  
 +353 (0) 1 238 3199 fax  
 www.aecom.com

**AECOM**

**PLANNING**

**ISSUE/REVISION**

NO	DATE	DESCRIPTION
0	03.12.2021	ISSUED FOR PLANNING
1/R		



**PROJECT NUMBER**

60592432

**SHEET TITLE**

PROPOSED WATERMAIN LAYOUT SHEET 2 OF 4

**SHEET NUMBER**

60592432-ACM-00-00-DR-CE-10-2702

**A PROPOSED WATERMAIN LAYOUT (SHEET 2 OF 4)**

2702 Scale: 1:500

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