



**NOTES**

- All measurements shown are in metres, and all levels are to ordnance datum unless otherwise indicated.
- All Coordinates are to ITM, unless otherwise noted.
- Drainage to be as follows:
  - Inspection chambers to be 450mm dia. uPVC with 450x450mm D400 DI covers
  - Road gullies to be D400 ductile iron with integrated hinge, size 370x430mm clear opening
  - Footpath gullies to be D400 ductile iron with integrated hinge, size 450x450mm with pedestrian and cyclist friendly grating design
  - Bottle gullies to be uPVC design with 198mm square clear opening and an aluminium grating
  - Slot drains to be D400 rated and formed with stainless steel baffle inlets with a minimum spacing of 10mm. To be supplied with sumps.
  - manholes to be 1200mm Ø preformed concrete rings, PC cover slab. Manhole covers to be double triangular DI 675mm square D400 rated
  - storm sewers to uPVC 200mm dia OD laid with falls as shown on plan.
  - storm lateral connections to be minimum 150mm Ø (200mm preferred) laid at a minimum 1:80 fall.
- All works are to comply with Civil Engineering Specification for the Water Industry (CESWI) 7th Edition and Irish Water Wastewater Code of Practice Rev2 2020. Stormwater assets to be adopted by Westmeath County Council upon satisfactory completion.

**LEGEND**

- IW-F Existing Irish Water Gravity Sewer
- Proposed Storm Sewer
- PS42 Proposed Storm Manhole
- IC11 Proposed Inspection Chamber
- Proposed Storm Lateral Connection
- SD Proposed Slot Drain
- ⊠ FG Proposed Footpath Gully
- ⊠ RG Proposed Road Gully
- ⊠ RG Existing Road Gully - Replace Grating
- ⊠ RG Existing Road Gully - To Be Removed
- ⊠ BG Proposed Bottle Gully
- ⊠ BG Existing Bottle Gully - To Be Replaced
- ⊠ BG Existing Down Pipe

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P02	19.03.21	Add. gully connection. Issued for Planning	KOS
P01	12/03/21	Issued for Client Review/Planning	KOS

<p>Rev Date Description App</p>	<p>Landscape Architects <b>open</b> optimised environments</p> <p>Optimised Environments Ltd Quartermile two, 2 Lister Square Edinburgh, EH3 9GL T 0131 221 5920 www.op-en.co.uk   info@op-en.co.uk</p> <p>Project Manager, Civil &amp; Structural Engineers <b>McADAM</b> DESIGN</p> <p>McAdam Design Ltd 1c Montgomery House 478 Castlereagh Road Belfast, BT5 6BQ T 028 9040 2000 admin@mcadamdesign.co.uk www.mcadamdesign.co.uk</p>
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<p>Client</p> <p><b>WESTMEATH COUNTY COUNCIL</b> Comhairle Chontae na hIarmhí</p>	<p><b>Project Ireland 2040</b> Building Ireland's Future</p>
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Project Status: **STAGE 3a PLANNING**

Project: **Athlone Public Realm**

Drawing: **PROPOSED DRAINAGE LAYOUT SHEET 1**

Scale: **1:200 @ A1**

Drawn: DSA	Checked: CM	Approved: KOS
Date: 12.03.21	Date: 12.03.21	Date: 12.03.21

Project: - Organisation - Zone - Level - Type - Role - Number - Revision  
 ATRP - MCA - Z1 - XX - DR - CE - 2110 - P02

Project Number: **E2251** Status code & Description: **S2 Issued For Information**

All dimensions are in metres. Figured dimensions to be taken in preference to scaled dimensions. Dimensions to be checked on site. © 2021 McAdam Design Ltd.