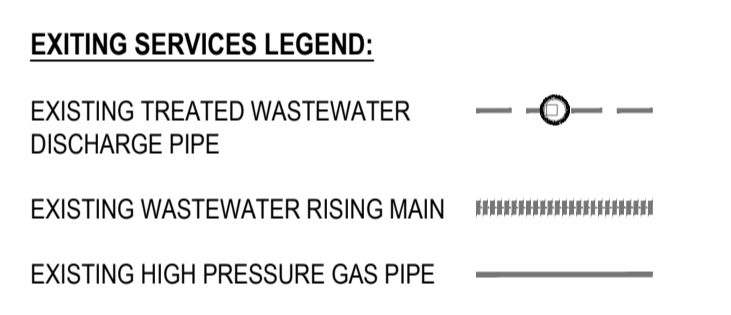
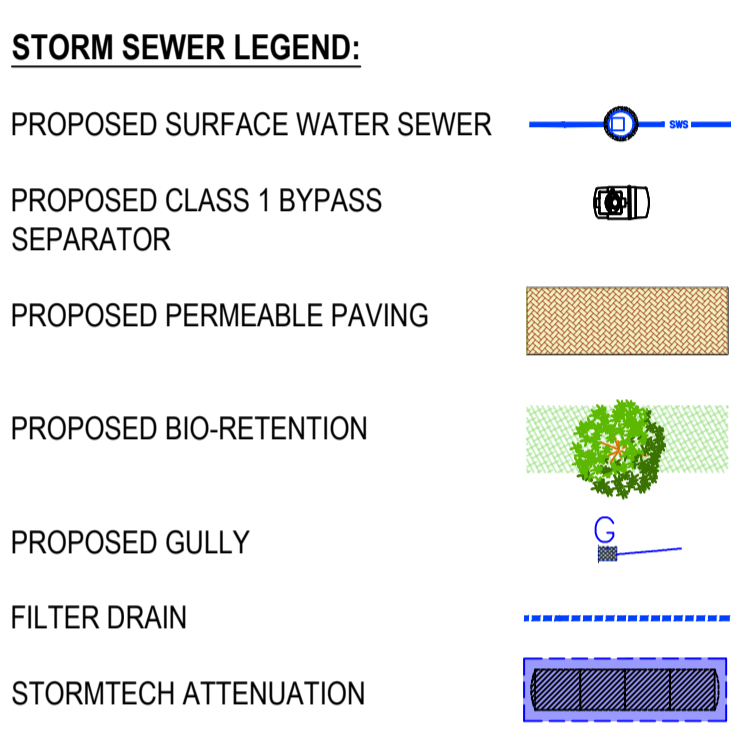




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- NOTES:**
1. Figured dimensions only to be taken from this drawing.
 2. All dimensions to be checked on site.
 3. All levels are in metres O.D. and are related to Ordnance datum at Main.

- STORM SEWER NOTES:**
1. Sewer laying to be in accordance with the 'Greater Dublin Regional Code of Practice for Drainage Works' version 6.0
 2. Refer to architects layout for overall setting out information (buildings, roads, boundaries and footpaths)
 3. All pipes with less than 1.2m cover (road) and 0.9m (landscaped areas) shall be encased in min 150mm concrete surround CL. 16/20



BOUNDARY LINE AMENDED	LR	17.05.23	P03
GENERAL AMENDMENTS	LR	04.05.23	P02
INITIAL ISSUE	LR	14.04.23	P01
Description:	Drawn	Date:	Rev.:

Client:
MEATH COUNTY COUNCIL

Project:
PROPOSED BURIAL GROUND DEVELOPMENT AT GORMANSTON / STAMULLEN

Clients Representative:
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 Consulting Engineers

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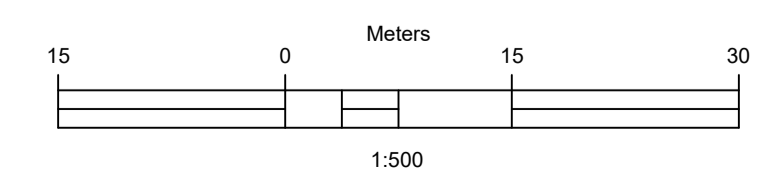
Drawn By:	LR	Date:	MARCH 2023
Checked By:	LR	Date:	MARCH 2023
Approved By:	LR	Date:	MARCH 2023
Internal Project Ref:	23607	Stage:	PART 6 PLANNING
		Suit:	S3

Drawing Title:
STORM WATER LAYOUT

Scales:
 1:500 @ A1

Drawing No.:
23607-JBB-00-XX-DR-C-01401

Rev:
P03



PROPOSED STORMTECH MC3500 DETENTION/ATTENUATION
 WITH AN EFFECTIVE STORAGE VOLUME OF 120m³ TO CATER FOR THE 1 IN 100 YEAR +20% CLIMATE CHANGE, CRITICAL STORM EVENT.

MINIMUM DESIGN PARAMETERS:

- FULLY TANKED SYSTEM
- NUMBER OF ROWS = 1
- NUMBER OF UNITS PER ROW = 16
- STONE POROSITY = 40%
- STONE ABOVE CHAMBERS = 300mm
- IN-BETWEEN ROW SPACING = 230mm
- STONE BELOW CHAMBERS = 230mm

PROPOSED DETENTION/INFILTRATION POND
 WITH AN EFFECTIVE STORAGE VOLUME OF 350m³ TO CATER FOR THE 1 IN 100 YEAR +20% CLIMATE CHANGE, CRITICAL STORM EVENT.

A PENSTOCK VALVE INSTALLED ON THE UPSTREAM END OF MANHOLE S1.1 IN ORDER TO ISOLATE AND CARRY OUT MAINTENANCE OF THE FLOW CONTROL DEVICE.

HYDROBRAKE FLOW CONTROL DEVICE INSTALLED IN MANHOLE S1.1 WITH FLOWS LIMITED TO 3l/sec.
 UNIT REF NO. MD-SHE-0070-3000-2000-3000

LEVELS TO BE CONFIRMED ON SITE PRIOR CONSTRUCTION

PROPOSED HEADWALL AND NON-RETURN VALVE INSTALLED AT OUTFAL TO RIVER DELVIN. FLOWS LIMITED TO 3l/sec.

EXISTING FOUL SEWER EXACT LOCATION AND LEVELS TO BE CONFIRMED

EXISTING FOUL RISING MAIN EXACT LOCATION AND LEVELS TO BE CONFIRMED

EXISTING MANHOLE TO BE ADJUSTED TO SUIT NEW COVER LEVEL

EXISTING MANHOLE TO BE ADJUSTED TO SUIT NEW COVER LEVEL

EXISTING HIGH PRESSURE GAS PIPE EXACT LOCATION AND LEVELS TO BE CONFIRMED

River Delvin