

PERMITTED ADJACENT HOUSING DEVELOPMENT

USE FIGURED DIMENSIONS ONLY

REFER TO DETAIL 1 FOR CONTINUATION OF R159 TO EXISTING STORM WATER SEWER

| Hydrobrake chamber details (see details on drawing 5514-MCE-DY-XX-DR-C-????) | |
|--|---|
| Supplier | Hydro International |
| Reference | MD-SHE-0066-2000-1090-2000 |
| Max design flow | 2.0 L/S |
| Design head | 1.09m |
| Orifice diameter | 68mm |
| Penstock | To be provided in MH on inlet. |
| Bypass door | To be provided on Hydro brake with pull handle. |

| Site Values | |
|--|----------------------|
| Total Site Area | 1647.5m ² |
| Total Roof Area | 169m ² |
| Total Road/drained surfaces (including permeable paving) | 63.2m ² |
| Total landscaped/free drawing area | 1415.3m ² |

NSMH 11-Hydrobrake Manhole
 cl: 81.85
 il: 79.50 Pipes
 il: 79.00 Sump
 il: 80.40 Overflow.

LOWER ATTENUATION TANK
 4.4m x 16m x 0.9m dp
 Reinforced Concrete Tank Base i.l. 79.50

BYPASS OIL/PETROL SEPARATOR KLASGECTER NSBE030 OR SIMILAR APPROVED
 cl: 82.20
 il: 80.50 (in)
 il: 80.40 (out)

OUTLINE OF PROPOSED NEW HOUSES
 OUTLINE OF SITE BOUNDARY

150mmØ PERFORATED PIPE WRAPPED IN GEOTEXTILE WITHIN STONE UNDER PERMEABLE PAVING. PIPE LAID FLAT AT il: 80.60 ENDS OF PIPES BEYOND PARKING BAYS TO BE SOLID.

UPPER ATTENUATION TANK
 5m x 16m x 0.7m dp
 Reinforced Concrete Tank Base i.l. 80.60

ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE. ANY ERRORS OR DISCREPANCIES TO BE REPORTED TO THE ENGINEER IN CHARGE.

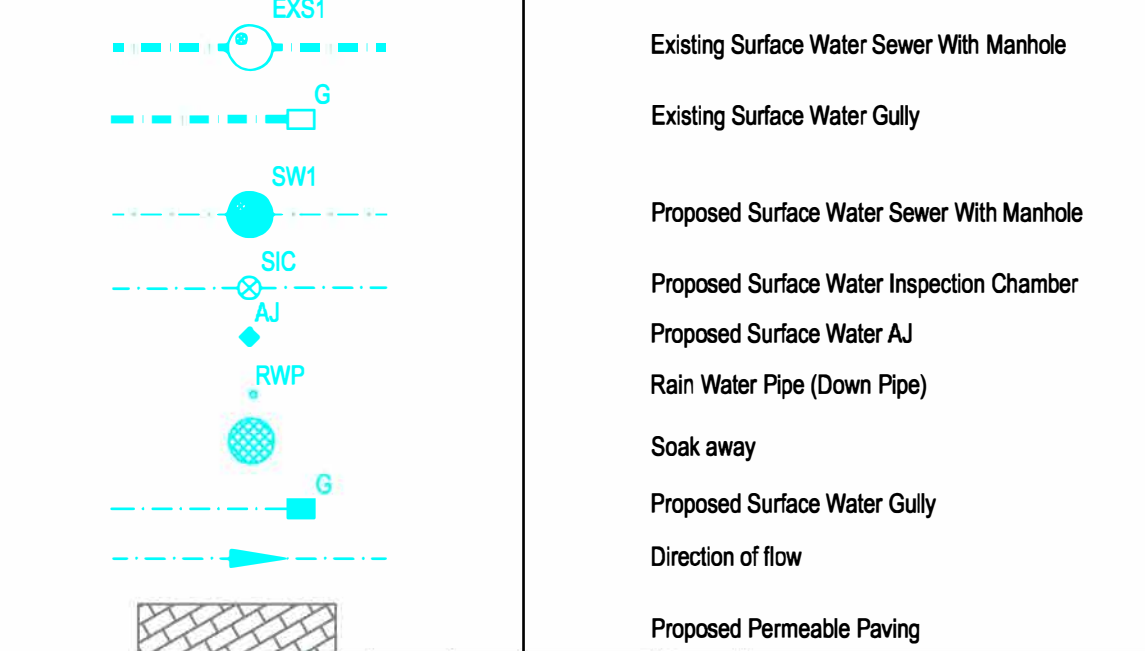
NOTES

- Drawings to be read in conjunction with all relevant Architects, Engineers and specialists drawings.
- Do not scale, use given dimensions only. All dimensions are in millimeters except where shown.
- Inform the Engineer of any discrepancies prior to proceeding with works.
- This drawing should be printed in colour for clarity.
- All levels to ordnance datum.
- All connections, bedding etc is to be done strictly in accordance with Irish Water specifications & details.

EX. COMBINED SEWER LEGEND



SURFACE WATER LEGEND



CONNECTION TO PROPOSED NEW STORM WATER FROM NEW HOUSING ESTATE
 PLANNING REF. No.TA190869
 cl: 82.50
 il: 79.02

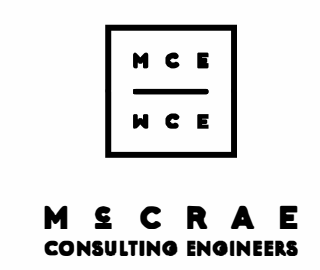
DETAIL 1: CONTINUATION OF R159 TO EXISTING STORM WATER SEWER.

| Rev. | Date | Description | By | Check |
|------|------------|--------------------------------|----|-------|
| P1 | 15/10/2021 | ISSUED FOR DESIGN TEAM COMMENT | CW | NI |

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PLANNING

| | |
|----------------|--|
| Project Name: | PROPOSED RESIDENTIAL DEVELOPMENT AT RATHMOYLOAN, CO. MEATH |
| Drawing Title: | PROPOSED STORM DRAINAGE LAYOUT |
| Architect: | SHERIDAN WOODS ARCHITECTS + URBAN PLANNERS |
| Client: | MEATH COUNTY COUNCIL |
| Drawn: | LOB |
| Checked: | RMC |
| Approved: | RMC |
| Scale: | 1:200 @ A1 |
| Project No: | Originator: Volume: Level: Type: Role: Number: Rev: |



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