

Legend

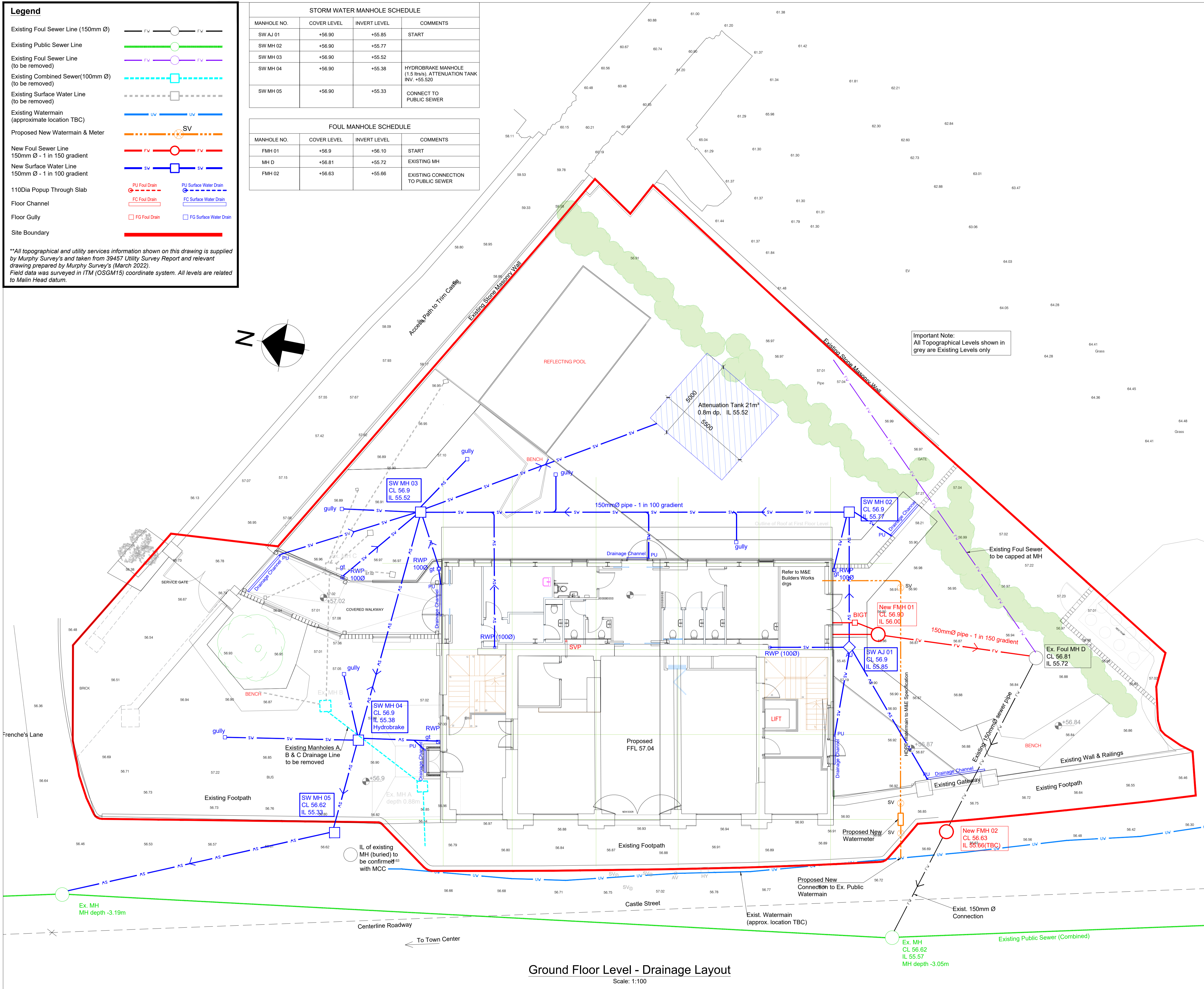
- Existing Foul Sewer Line (150mm Ø)
- Existing Public Sewer Line
- Existing Foul Sewer Line (to be removed)
- Existing Combined Sewer(100mm Ø) (to be removed)
- Existing Surface Water Line (to be removed)
- Existing Watermain (approximate location TBC)
- Proposed New Watermain & Meter
- New Foul Sewer Line 150mm Ø - 1 in 150 gradient
- New Surface Water Line 150mm Ø - 1 in 100 gradient
- 110Dia Popup Through Slab
- Floor Channel
- Floor Gully
- Site Boundary

—○— PU Foul Drain —○— PU Surface Water Drain
—□— FC Foul Drain —□— FC Surface Water Drain
—□— FG Foul Drain —□— FG Surface Water Drain

****All topographical and utility services information shown on this drawing is supplied by Murphy Survey's and taken from 39457 Utility Survey Report and relevant drawing prepared by Murphy Survey's (March 2022). Field data was surveyed in ITM (OSGM15) coordinate system. All levels are related to Main Head datum.**

STORM WATER MANHOLE SCHEDULE			
MANHOLE NO.	COVER LEVEL	INVERT LEVEL	COMMENTS
SW AJ 01	+56.90	+55.85	START
SW MH 02	+56.90	+55.77	
SW MH 03	+56.90	+55.52	
SW MH 04	+56.90	+55.38	HYDROBRAKE MANHOLE (1.5 ltr/s), ATTENUATION TANK INV. +55.520
SW MH 05	+56.90	+55.33	CONNECT TO PUBLIC SEWER

FOUL MANHOLE SCHEDULE			
MANHOLE NO.	COVER LEVEL	INVERT LEVEL	COMMENTS
FMH 01	+56.9	+56.10	START
MH D	+56.81	+55.72	EXISTING MH
FMH 02	+56.63	+55.66	EXISTING CONNECTION TO PUBLIC SEWER



Important Note:
All Topographical Levels shown in grey are Existing Levels only

- Notes:**
- Refer to drawing 2889-DR-001 & 2889-DR-002 for General Notes.
 - This drawing is to be read in conjunction with all other Engineers, Architects and Suppliers drawings, specifications and Risk Assessments.
 - The Contractor shall notify the OPW Project Engineer (C&S) of any discrepancies between drawings, the specification and site conditions and seek clarification before implementing the work.
 - Figured dimensions only to be taken from this drawing, do not scale. All setting out, levels and dimensions shall be established from the Architects drawings. As built dimensions and levels shall be confirmed on site where necessary.
 - The Contractor is responsible for the design of all Temporary Works to safely execute the permanent works shown on these drawings.
 - All dimensions are in millimeters unless noted otherwise. All levels are structural levels in meters Ordnance datum (m OD), unless noted otherwise.
 - All work is to conform with the requirements of the latest editions of the Building Regulations, Health and safety Regulations and all codes of practice and standards referenced.
 - All work shall be in compliance with the Planning Permission conditions for the project.
 - All surfaces to be reinstated after works to match existing ground.

- General Notes:**
- All drainage works shall comply with the latest edition of the Irish Water Code of Practice for Wastewater Infrastructure (IW CoPWwI) and relevant Irish Water Standard Details.
 - All water services infrastructure shall comply with the Irish Water Code of Practice for Wastewater Infrastructure (IW CoPWwI) and relevant Irish Water Standard Details.
 - The location of all known services on site is indicative only. Prior to works commencing the Contractor shall identify the locations of all existing site services.
 - Pipe materials for gravity mains and sewers shall comply with Section 3.13 of the IW CoPWwI. Pipe materials of water services and service connections shall comply with Section 3.12 of the IW CoPWwI.
 - All manholes shall be constructed in accordance with Section 3.12 of the IW CoPWwI.
 - All gravity manholes, drains and sewers shall be tested on completion of the works in accordance with Section 4.1 of the IW CoPWwI. A CCTV and manhole survey shall be completed in advance of the Defect Liability Period.
 - All covers to gullies, manholes and inspection chambers shall comply with IS EN 124. All other covers shall comply with IS 261. Covers in trafficked areas to be minimum class D400 and shall be ductile iron generally. All other covers shall be minimum class C250. All covers to match adjacent finished levels as shown on Architect's drawings.

Revision	Date	By	Chk'd	Description
P4	26/09/23	JG	EC	Plans updated - drainage details amended
P3	18/09/23	DH	EC	Plans updated - drainage details amended
P2	01/08/23	DH	EC	Attenuation tank moved-Issued for information
P1	26/10/22	DH	EC	Layout amended-Issued for discussion
P0	20/05/22	DH	EC	Issued for Information

Civil & Structural Engineering
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 Grade 1 Engineer: Tim McDonnell
 Project Engineer: Enda Cusack



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Project Title:
Trim Market Centre Refurbishment
 Castle Street, Trim, Co.Meath

Drawing Title:
Drainage Layout

Project Role: Civil & Structural	OPW Section Project Reference: 2889
Drawn: DH	Checked: EC
Approved: TmCD	Date: 20/05/22
Status Description: Preliminary	Status Code: P4
Revision: P4	

Drawing Number:
2889-DR-1004

Ground Floor Level - Drainage Layout
 Scale: 1:100