



NOTES:

- RISING MAIN SHALL BE 150mm Ø PE 100 SDR 17 (10-BAR) RISING MAIN.
- RISING MAIN TO HAVE MINIMUM COVER OF 900mm.
- PIPELINE TO HAVE 150mm SURROUND CONSISTING OF 10mm PEA GRAVEL.
- AIR VALVES TO BE LOCATED AT HIGH POINTS AND INSPECTION CHAMBERS TO BE LOCATED AS SHOWN ON DRAWING. LOCATION OF ALL VALVES TO BE AGREED WITH DAWN MEATS.
- MARKER POSTS TO BE INSTALLED AT ALL AIR VALVES & INSPECTION CHAMBERS.
- ALL TEES, SPECIAL BENDS TO BE FLANGED ONLY.
- JOINTS SHALL BE FORMED BY AN APPROVED METHOD, RECOMMENDED BY THE MANUFACTURER. ELASTOMERIC SEALING RINGS, WHERE USED, SHOULD COMPLY WITH THE REQUIREMENTS OF BS 2494.
- CONCRETE ANCHOR BLOCKS SHOULD BE PROVIDED ON RISING MAIN AT BENDS OF CURVATURE GREATER THAN 22.5° AND AT BOTH SIDES OF AIR VALVE CHAMBER. ANCHOR BLOCKS SHOULD ENCASE THE PIPE IN CONCRETE (CLASS C, CLAUSE 1002, SPECIFICATION FOR ROADWORKS), TO A MINIMUM THICKNESS OF 150mm. ALL ROUND AND SHOULD BE A MINIMUM LENGTH OF 750mm.
- ALL WATERMANS TO BE OVERLAID WITH MARKER TAPE COMPLETE WITH 2 STRANDS OF CONTINUOUS TRACER WIRE. TRACER WIRE TO BE CONNECTED TO FITTINGS. CONTINUITY OF TRACER WIRE TO BE ENSURED AT ENDS OF ROLLS, FITTINGS AND CHANGES IN DIRECTION.
- INSPECTION AND AIR VALVE CHAMBERS SHOULD BE PROVIDED WITH CAST IRON SURFACE BOXES IN COMPLIANCE WITH THE REQUIREMENTS OF IS 261. SURFACE BOXES FOR ROADWAYS AND AREAS ACCESSIBLE TO WHEELED TRAFFIC SHOULD BE SUBJECT TO APPROVAL.
- THE LOCATION OF INSPECTION CHAMBERS AND AIR VALVES SHALL BE SHOWN BY INDICATOR PLATES POSITIONED TO THE APPROVAL OF DAWN MEATS.
- RISING MAIN SHALL BE HYDRAULICALLY TESTED IN SECTIONS AFTER LAYING AT 1.5 TIMES ITS OPERATING PRESSURE AND BE WITNESSED AND CERTIFIED BY A REPRESENTATIVE OF DAWN MEATS. METHOD OF TESTING AS APPROVED BY ENGINEER. THE PIPELINE SHOULD BE ADEQUATELY ANCHORED OR RESTRAINED, DURING TESTING.
- EXISTING WALLS, FENCES AND OPEN DITCHES THAT ARE BROKEN THROUGH OR DAMAGED DURING THE WORKS SHALL BE MADE GOOD UPON COMPLETION OF THE WORKS.
- EXISTING HEDGES SHALL REMAIN INTACT WHERE POSSIBLE. WHERE A SECTION OF A HEDGE NEEDS TO BE REMOVED AND WHERE DAMAGE IS UNAVOIDABLE, SUCH DAMAGE SHALL BE KEPT TO THE ABSOLUTE MINIMUM AND SHALL NOT IN ANY CASE EXTEND BEYOND THE WIDTH OF THE TRENCH.

LEGEND:

- Site Boundary of Proposed Development
- I.C. 01 Pipeline Inspection Chamber
- Construction compound (temporary)

C	WWTP Site Layout Revised in Response to F1 Response	January 2022	T.Finn
B	Pipeline route altered.	17th April 2020	T.Finn
A	Pipeline route altered.	11th Feb 2019	T.Finn
REV. NO.	DESCRIPTION	DATE	INITIALS

finn
DESIGN PARTNERSHIP
Blakestown, Ardee, Co. Louth, Ireland
t 041 6857200 f 041 6857201 e info@finn.ie w www.finn.ie

CREATIVE • INNOVATIVE

DRAWING NO:
310 C

REV. NO:

ONE

TITLE:
Site Location
Traffic Management Plan

PROJECT:
Extension to WWTP &
Rising Main Pipeline to River Boyne

CLIENT:
Dawn Meats Ireland
Painestown, Beuparc,
Co Meath

SCALE: 1:2500
DATE: January 2019

DRAWN: T.Finn
CHECKED: -

STATUS:
Planning Application

JOB NO:
1604

NOTES

- Copyright Reserved 2003 ©
- Work to figure dimensions only. Do not scale drawing.
- The contractor is responsible for checking all levels and dimensions on site and shall refer all discrepancies to the Architect.
- Where appropriate, for details of r.s. structure or mechanical and electrical details, see Engineers drawings.
- Proprietary items shall be fixed in strict accordance with manufacturers instructions.
- Sizes of proprietary items shall be checked with manufacturer.
- The contractor shall be responsible for the coordination of structure, finishes and services.

CIVIL - STRUCTURAL ENGINEERING • PROJECT MANAGEMENT

Contractors Construction Compound
Area colored yellow to be cordoned with post and wire fencing to provide secure construction compound. Existing topsoil to be removed and stored on site for re-instatement. Lay Geotextile membrane with 200mm depth of 75mm down broken stone with 50mm of clause 804 material. Hardcore shall be removed and topsoil reinstate and re-sown upon completion of the works.

Construction Access Point 1
Existing entrance to Dawn Meats site to be used for construction access for pipeline from where a new temporary access road shall be constructed to the contractors construction compound.

PAINESTOWN
(ED Painestown)

Rising Main Location
New rising main to be constructed within grass margin and or along edge of carriageway.