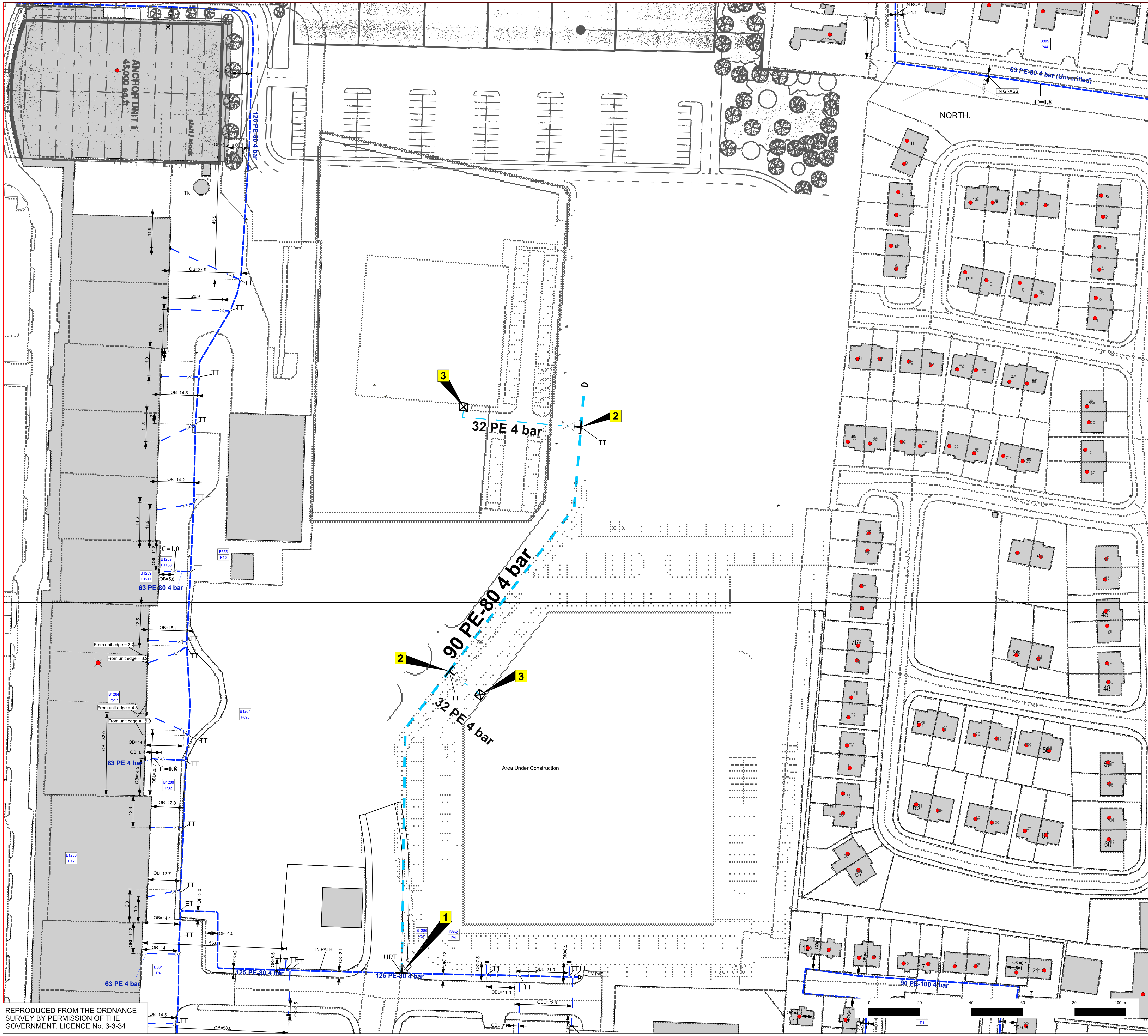

Important Safety Notice:

Damage to gas pipelines can result in serious injury or death. Gas network information is provided as a general guide. The exact location and depth of medium or low pressure distribution gas pipes must be verified on site by carrying out necessary investigations, including, for example, hand digging trial holes along the route of the pipe. Service pipes are not generally shown but their presence should always be anticipated.

High pressure transmission pipelines are shown in red. If a transmission pipeline is identified within 10m of any intended excavations then work must not proceed before GNI has been consulted. The true location and depth of a transmission pipeline must be verified on site by a representative of GNI. Contact can be made through 1800 427 747.

All work in the vicinity of the gas network must be completed in accordance with the current edition of the Health & Safety Authority publication, Code of Practice For Avoiding Danger From Underground Services which is available from the Health and Safety Authority (01 614 7000) or can be downloaded at www.hsa.ie.

Legal Notice:

Gas Networks Ireland (GNI) and its affiliates, accept no responsibility for the accuracy of any information contained in this document including data concerning location and technical designation of the gas distribution and transmission network (the Information). The Information should not be relied on for accurate distance or depth of cover measurements.

Any representations and warranties, express or implied, are excluded to the fullest extent permitted by law. No liability shall be accepted for any loss or damage including, without limitation, direct, indirect or consequential loss, arising out of or in connection with the use or re-use of the Information.

1. Connect to existing 125PE-80 4bar main with a 125PE x 80PN16 branch saddle, install Donkin 158 valve and lay 90PE-80 SDR11 4bar main to end cap. Leave end cap for future network extension.

2. Connect to proposed 90PE-80 4bar main with 2 no. 90x32PE top tees and lay 2 no. 32PE services as per DN/ST/78 and install 2 no. G65 MP Modules as per BGE/D/02/19, located externally on a free standing frame as per BGE/D/2/05 with meter protection as per DN/ST/197. GNI shall install concrete base for free standing frame.

Outlet set pressure = 20 mbar.

3. Install ATEX Zone 1 sign per DN/ST/167 and safety sign per DN/ST/168. There shall be no window / door / vent openings or potential sources of ignition permitted within 0.50m from the Module and 1m from the vent tip per DN/ST/192. Relief valve to be vented to 2.5m above ground level as per DN/ST/160 and DN/ST/189. NOTE: if mechanical air handling units exist in vicinity of meter location then
the distance from the vent tip needs to be increased by 1m.

- Client shall provide pre-ex trenching for all works.
- Wayleave Required.
- Environmental Screening and Section 39A Consent required prior to scheduling construction.

Approx. Pipe Length:
90PE-80 SDR11 = 250m
32PE-80 SDR11 = 65m

EXCESS FLOW VALVES
- STANDARD EXCESS FLOW VALVES (SIZE 25MM) SHALL BE FITTED TO ALL MEDIUM PRESSURE G4 AND G6 DOMESTIC OR INDUSTRIAL COMMERCIAL SERVICES.
- HIGH-FLOW EXCESS FLOW VALVES SHALL BE FITTED ON ALL 32MM MEDIUM PRESSURE SERVICES UP TO SIZE G65 INCLUSIVE

IN GENERAL, 4 BAR MAINS SHALL BE LAID A MINIMUM OF 5.0M FROM BUILDINGS. IN CIRCUMSTANCES WHERE THE 5.0M CANNOT BE ACHIEVED, 4 BAR MAINS MAY BE LAID WITHIN 3-5M PROXIMITY PROVIDED CONCRETE PROTECTION SLABS ARE LAID IN ACCORDANCE WITH DRG. NO. DN/ST/35 & 36. 4 BAR MAINS SHALL NOT BE LAID WITHIN 3M OF BUILDINGS. ALL EXCAVATIONS WITHIN SITE BOUNDARY, INCLUDING SAND BED AND SURROUND FOR PIPE TO BE CARRIED OUT BY DEVELOPER. ALL SERVICES AND VALVES TO BE INSTALLED IN ACCORDANCE WITH SR 12007-5. ALL

ISSUE	REVISION	DRAWN BY / DATE	CHECKED BY / DATE	APPR'D BY / DATE
1	Construction Issue	JBR (C) 03/10/25	BL (C) 17/12/25	BL (C) 17/12/25

WAYLEAVE REQD:	No	O.S. REF. NO'S:	N/A
MATRLS. DELIVERY:	N/A	SURVEYED BY:	N/A

METER SIZE: G65 | SUPPLY PRESS: 4bar | OUTLET PRESS: 20mbar

Design Department - DUBLIN

Gas Networks Ireland

PROJECT: **DI - Tanola Ltd., Dundalk Business Park**	DATE: 03/10/2025	SCALE: 1:1000	
	DRAWN: JBR (C)	APPR.: BL (C)	
TITLE: **Design Layout**	DRG. NO. 50565634	PROJ. NO. 50565634	SH. 1 of 3