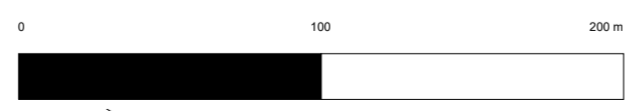
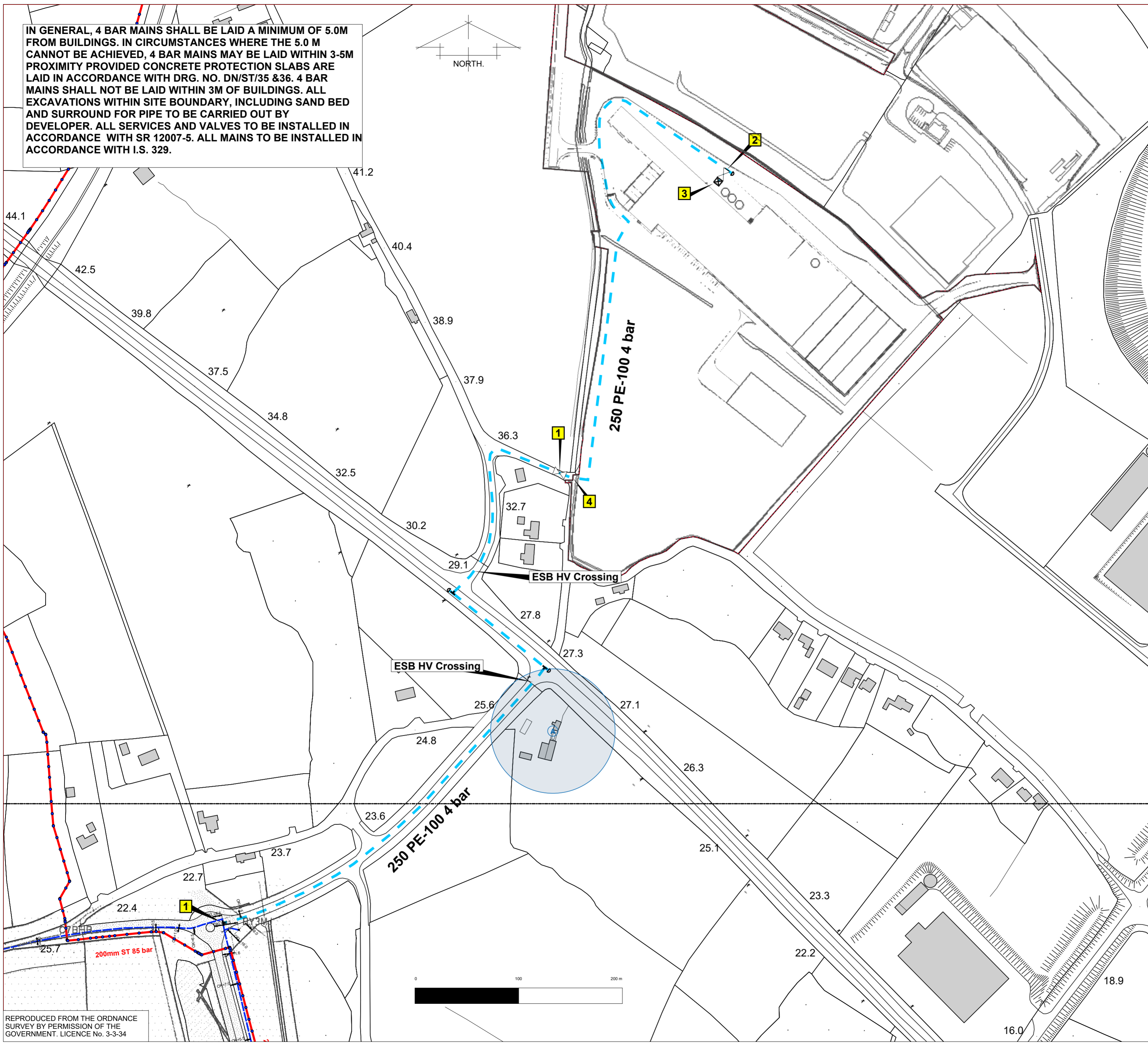
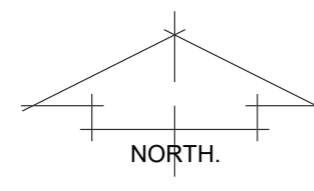


IN GENERAL, 4 BAR MAINS SHALL BE LAID A MINIMUM OF 5.0M FROM BUILDINGS. IN CIRCUMSTANCES WHERE THE 5.0 M CANNOT BE ACHIEVED, 4 BAR MAINS MAY BE LAID WITHIN 3-5M PROXIMITY PROVIDED CONCRETE PROTECTION SLABS ARE LAID IN ACCORDANCE WITH DRG. NO. DN/ST/35 &36. 4 BAR MAINS SHALL NOT BE LAID WITHIN 3M OF BUILDINGS. 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 MAINS TO BE INSTALLED IN ACCORDANCE WITH I.S. 329.



REPRODUCED FROM THE ORDNANCE SURVEY BY PERMISSION OF THE GOVERNMENT. LICENCE No. 3-3-34

**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.

- Connect to existing 315PE-100 4bar main with a 315PE x 250PN16 branch saddle, install Donkin 158 and lay 250PE-100 SDR17 4bar mains to end cap. Install valve in public carriageway on entry to client site as per DN/ST/111.
- Connect to proposed 250PE-100 4bar main with an equal tee and lay 1 no. 250PE-100 4bar valved service as per DN/ST/111 and install 1 no. SP3 MP T/S skid located externally as per DN/ST/161 with palisade fence as per DN/ST/125. GNI shall install concrete base as per DN/ST/124. Install daily metering and BMS equipment as per DN/ST/220 Sheet 1 of 2.

Stream A: Outlet 400mbar, Relief 592mbar, Slam 643mbar.  
Stream B: Outlet 360mbar, Relief 592mbar, Slam 693mbar.

- Customer shall provide a 220v power supply to the edge of the skid base to facilitate daily metering as per DN/ST/220 Sht 1 of 2.

- Install ATEX "Zone 2" 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 2.5m from the vent tip per DN/ST/184 - Sheet 1of 3. Relief valve to be vented to 3m above ground level as per DN/ST/160. 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 trench from site boundary.

- ESB HV supervision may be required for 38kV (O/H) line along N29. Contact Sinead O'Donell (087-1972169).
- Archaeological monitoring required. Contact Declan Moore (091-875749).
- Section 39A Consent required prior to construction.

**Approx. Pipe Length:**  
250PE-100 SDR17 = 1280m

1	Construction Issue	LG	TK	DB
		30/10/25	30/10/25	30/10/25
ISSUE	REVISION	DATE	DATE	DATE
WAYLEAVE REQD:	No	O.S. REF. NO'S:	N/A	
MATRLS. DELIVERY:	N/A	SURVEYED BY:	N/A	
METER SIZE:	SP3	SUPPLY PRESS:	4bar	OUTLET PRESS:
				400mbar
<b>Design Department - DUBLIN</b>				
PROJECT:	<b>Castle Gypsum Ltd.</b>	DATE:	30/10/2025	SCALE:
		DRAWN:	LG	APPR.:
				DB
TITLE:	<b>Design Drawing</b>	DRG. NO.	PROJ. NO.	SH.
		48517068	48517068	1 of 3