



**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 1850 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, 'A Code of Practice For Avoiding Danger From Underground Services' which is available from the Health and Safety Authority (1890 289 389) 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 180PE-80 4bar main with a 180x63PE top tee, and lay 90E-80 SDR11 4bar mains to end caps. Leave end caps for future network extension.
  2. GNI shall install 7 no. standard domestic services to 7 no. G4 meters located in recessed meter boxes on nib or gable walls of houses as per SK/701. Nib walls shall be installed as per DN/ST/198 with foundations >450mm below ground level.
  3. Client shall provide pre-ex trench from site boundary.
- Approximate pipe length:  
 90PE-80 SDR 11 4 bar = 145m
- 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 32 MM
- 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 5.0 M CANNOT BE ACHIEVED, 4 BAR MAINS MAY BE LAID WITHIN 3-5 M 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.

1	Construction Issue	JA(C)	AM(C)	AM(C)
ISSUE	REVISION	27/11/19	27/11/19	27/11/19
		DRWN. BY	CHECKED BY	APPR'D BY
		DATE	DATE	DATE
WAYLEAVE REQD:	N/A	O.S. REF. NO'S:	N/A	
MATRLS. DELIVERY:	N/A	SURVEYED BY:	N/A	
METER SIZE:	G4	SUPPLY PRESS:	4 bar	OUTLET PRESS:
				20 mbar
<b>Design Department - DUBLIN</b>				
PROJECT:		DATE: 27/11/2019	SCALE: 1:1000	
<b>Sundrive Road</b>		DRAWN: JA(C)	APPR.: AM(C)	
TITLE:		DRG. NO.	PROJ. NO.	SH.
<b>Design Drawing</b>		44358232	44358232	1 of 3

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