

Designer:	Stuart Angus	Network LDZ:	SO	Network Owner Ref:		Date:	27/07/2011
Development Site Details:	KMSKM22, Kingsmers, Bicester						
SSEUSL Job Reference Number:	PJGE308						
Pressure Reducing Installation (PRI) Grid Ref:	N/A						
Drawing Version No:	Rev A						
CSE/PESEP Location Grid Reference:	Off existing site mains						
SSEP Location Grid Reference:	Off existing site mains						

All utilities shown on this plan. Information with regard to such utilities should be obtained from the owners. The information shown on this plan is given without obligation, or warranty. The accuracy thereof cannot be guaranteed. All service pipes are not necessarily shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by SSE PLC, its agents or servants, for any error or omission. Safe digging practices, as detailed in health and safety booklet HSD047 'Avoiding Danger from Underground Services', must be used to verify and establish the actual position of mains, services and other plant before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct or indirect labour) working for you.

THE INFRASTRUCTURE DESIGN INFORMATION CONTAINED WITHIN THIS DRAWING REMAINS THE PROPERTY OF SSE AND AS SUCH SHOULD NOT BE PASSED TO 3rd PARTIES WITHOUT PRIOR WRITTEN CONSENT.

Key To Symbols	Proximity To Structures	Duct Sizes (Must conform to required standard)
Proposed Mains PE - Low Pressure	①=125mm ± 25c; ②=150mm ± 5c	Outside Diameter (Ø) of Gas Pipe Inside Diameter (ID) of Gas Pipe
Proposed Mains PE - Medium Pressure	③=150mm ± 3c; ④=175mm ± 5c	32 mm 50mm
Proposed Mains PE - Intermediate Pressure	⑤=175mm ± 5c; ⑥=200mm ± 5c	83 mm 100mm
Service PE (Not Always Shown)	⑦=125mm ± 25c; ⑧=150mm ± 5c	80 mm 150mm
Valve (Normally Open)	Colour Coded	125 & 180 mm 225mm
Pressure Reducing Installation (PRI)	Colour Coded	250 mm 300mm
Site Boundary	Change in Direction/Size Join	315 mm 450mm

All pipe routes and meter locations must be confirmed as satisfactory by SSEPL prior to any works commencing and all locations must conform to the appropriate requirements and legislation e.g. GEDTDA, K10ETDA & K10EIGS. NO PIPEWORK WILL BE INSTALLED UNDER OR THROUGH ANY STRUCTURE. ALL PROXIMITY RESTRICTIONS MUST BE ADHERED TO.

MAINS, SERVICES, METERS & PRI ETC MUST BE INSTALLED TO APPROPRIATE STANDARDS e.g. K10ETDA, K10ETDA & K10EIGS. DO NOT SCALE - ALL MEASUREMENTS TO BE TAKEN/CONFIRMED ON SITE.

APPROPRIATE SAFE DIG METHODS TO BE USED AT ALL TIMES. ALL BELOW & ABOVE GROUND PLANT TO BE SAFELY LOCATED, IDENTIFIED AND MARKED PRIOR TO EXCAVATION.

MAINS, SERVICES, METERS & PRI ETC MUST BE INSTALLED TO APPROPRIATE STANDARDS e.g. K10ETDA, K10ETDA & K10EIGS.

- Developer is to liaise with SSEUSL to agree programme of works.
- Ducts must not be laid within the road construction and must have a minimum of 750mm cover from the finished road surface. The crossings are to extend 150mm beyond the kerb line. Ends are to be blanked off to prevent ingress of soil & water etc.
- Ducts to be internally glazed vitreous clayware pipes to BS 69 (1989) or purpose made twin wall yellow polyethylene ducting e.g. rigiduct. MAINS CAN ONLY BE INSTALLED IN DUCTS FOR ROAD CROSSINGS.
- Cover from finished ground level (F.G.L.) to top of pipe in footways 600mm and verges 750mm.
- Trench widths should be pipe diameter + 100mm.
- Latent positions of utility apparatus to be in accordance with NALG recommendations, i.e. gas main 900mm from front of kerb and any other apparatus.
- Where this is not possible a minimum horizontal clearance of 250mm must be maintained between the surface of the gas main and any other apparatus.
- SSEUSL will bed and surround the pipe to 150mm above the pipe (Fine fill materials to be supplied by the developer).
- Marker tape to be installed by builder 300mm above the pipe (Tape to be supplied by SSEUSL).

- Pressure Reducing Installation (PRI)
- Developer to provide a suitable sized area, vehicular access, protection (This may involve crash barriers) & a concrete base.
- Developer to provide a 'Restrictive Covenant' to hold area as required.
- Developer to carry out all 'CIVIL' Builders works associated with PRI installation e.g. Provide suitable base or pit as applicable. Location to be as shown on plan (as per co-ordinates above). Any change must be agreed between SSEUSL.

- Services
- Services are to follow the shortest possible route, normally perpendicular to the main and must also only run within the boundary of the property they supply.
- The developer will excavate, lay and backfill the supplied service duct to a minimum depth of 600mm below F.G.L. Ends to be blanked off to prevent ingress of soil.
- The developer will expose the gas main at the service connection point.
- All domestic meter positions require a minimum of 600mm x 600mm excavations where the duct terminates.
- ALL DOMESTIC SERVICES 32mm UNLESS OTHERWISE STATED.
- All meter locations & pipe routes must be confirmed as satisfactory by SSEUSL prior to any works commencing.

NO PIPEWORK WILL BE INSTALLED UNDER OR THROUGH ANY STRUCTURE. ALL PROXIMITY RESTRICTIONS MUST BE ADHERED TO. SSE Enterprise Office is a trading name of SSE Utility Solutions Limited which is part of the SSE Group. The Registered Office of SSE Utility Solutions Limited is 55 Western Road Reading Berkshire RG1 1BU. Registered in England & Wales No. 06964120. www.sseentersol.co.uk

