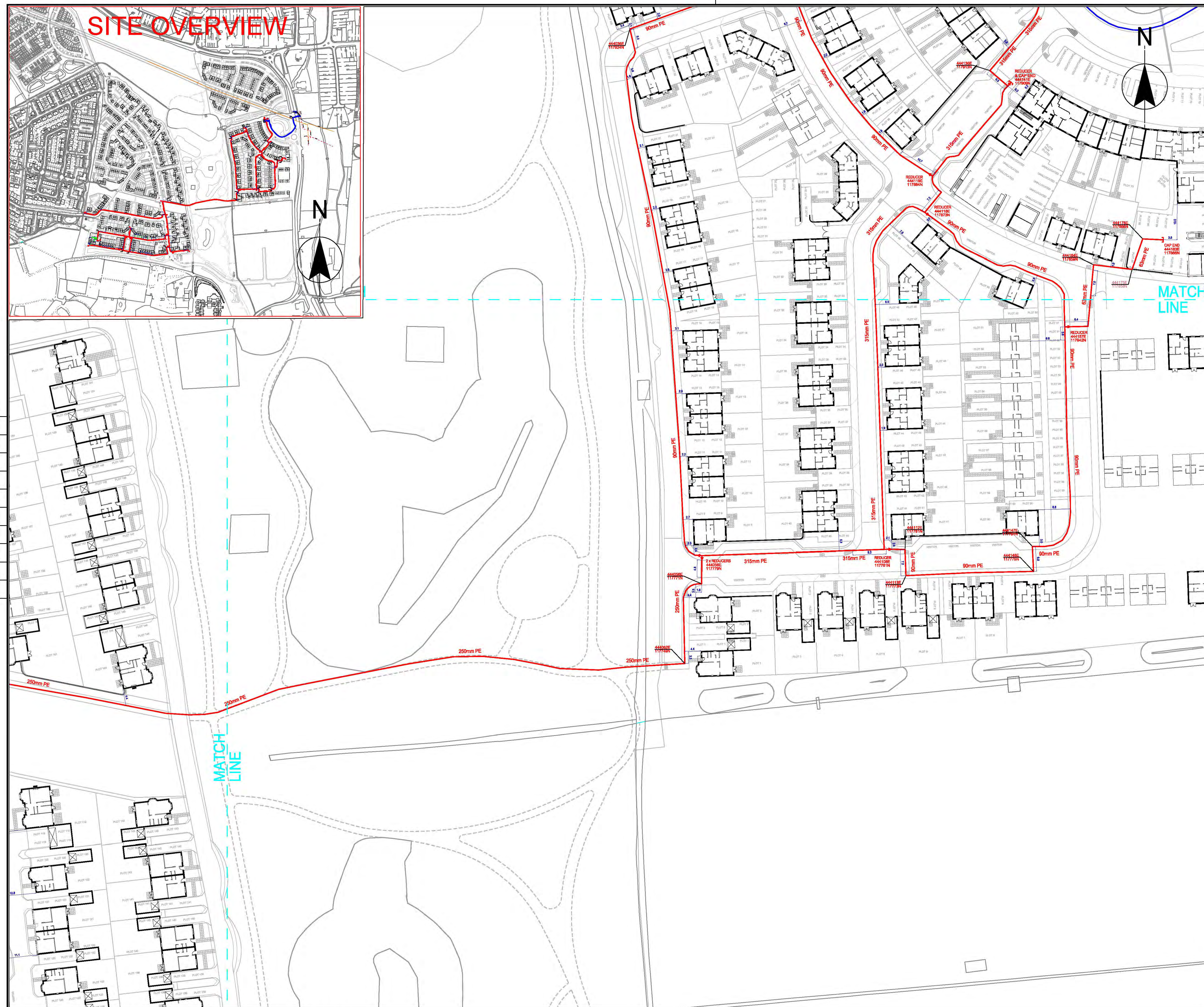




DRAWING NO.

MU1033-4/36406

REVISION

1

NOTES

1

Rigid plastic ducting was used for perpendicular road crossings only. The developer was responsible for the supply and installation of ducting. A suitable standard for plastic ducting is BS 4962. Corrugated ducting was not be used for road crossings.

2

All gas mains, services and ducts that contained gas pipes, were overlaid with gas identifiable marker tape 150mm above the apparatus. Gas mains and services have a minimum of 250mm clearance from other utilities.

3

All Gas apparatus have been correctly chambered and have been fitted with covers suitable and compliant with the apparatus contained therein.

4

All pipe fittings used on this design are to be in accordance with PL2/E, L2/E and F7/E

Depth of Cover - Mains & Services

Main (roads)

1.1m

Main (roads & verges)

0.75m

Main (footpaths)

0.6m

Service (road & verges)

0.45m

Service (footpaths)

0.45m

Service (private land)

0.375m

Depths are for actual mains & services unless otherwise stated.

Dimensions are shown in metres

Gas Legend

High Pressure Gas Main

Intermediate Pressure Gas Main

Medium Pressure Gas Main

As Laid Low Pressure Gas Main

As Laid Gas Service

Existing Gas Main

Duct

Reducer

Valve

Governor

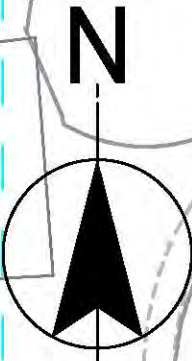
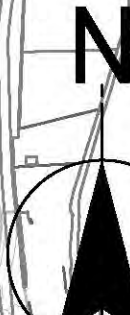
Abandoned Services

Point of Disconnection

<



SITE OVERVIEW



DRAWING NO.
MU1033-4/36406

REVISION
1

NOTES

1 Rigid plastic ducting was used for perpendicular road crossings only. The developer was responsible for the supply and installation of ducting. A suitable standard for plastic ducting is BS 4962. Corrugated ducting was not to be used for road crossings.

2 All gas mains, services and ducts that contained gas pipes, were overlaid with gas identifiable marker tape 150mm above the apparatus. Gas mains and services have a minimum of 250mm clearance from other utilities.

3 All Gas apparatus have been correctly chambered and have been fitted with covers suitable and compliant with the apparatus contained therein.

4 All pipe fittings used on this design are to be in accordance with PL2/E, L2/E and F7/E

Depth of Cover - Mains & Services

Main (Roads)	1.5m
Main (Footpaths)	0.75m
Service (Roads & verges)	0.6m
Service (Footpaths)	0.45m
Service (Private Land)	0.375m

Depths are for solid mains & services unless shown otherwise.

Dimensions are shown in metres

Gas Legend

High Pressure Gas Main

Intermediate Pressure Gas Main

Medium Pressure Gas Main

As Laid Low Pressure Gas Main

As Laid Gas Service

Existing Gas Main

Duct

Reducer

Valve

Governor

Abandoned Services

Point of Disconnection

New Gas Main Requirements (Total Length 2172m)

New Gas Main	Installation Method	Approx. Length of Main (m)
315mm LP PE	Open Cut	281m
250mm LP PE	Open Cut	516m
125mm LP PE	Open Cut	107m
90mm LP PE	Open Cut	536m
63mm LP PE	Open Cut	562m
180mm MP PE	Open Cut	170m

The information shown on this plan is given without obligation or warranty. The accuracy thereof cannot be guaranteed. Where service pipes are shown their position is approximate. No liability of any kind whatsoever is accepted by the company, its agents or servants for any error or omission. The actual position of mains and services must be verified and established on site before any excavations are carried out or any mechanical plant used.

1	17.10.2018	UPDATE							
0	08.10.2018	APPROVAL							
Rev	Date	Purpose of Revision	GTT	SET	SE	GTT	SET	SE	
			Drawn	Checked	Reviewed	Approved			

GAS INFRASTRUCTURE
AS LAID DRAWING

CONNECT IT

UTILITY SERVICES

UTILITY CONNECTIONS

www.cius.co.uk

UNITS 1 & 2 BERRYWOOD BUSINESS VILLAGE
TOLLBAR WAY
HEDGE END
SOUTHAMPTON
SO30 2UN

PROJECT TITLE

STONEHAM LANE
(PAGE 3 OF 3)

DRAWING TITLE

CHESTNUT AVENUE
EASTLEIGH
SO50 9HQ

DATE

17/10/2018

SCALE

1:500

MASTER SIZE

A1

DRAWING NO.

MU1033-4/36406

REVISION

1

APPROVED
By FPL at 11:14 am, May 16, 2018

9100421

Please ensure that proposed route of main is not laid in any allocated car parking spaces this is to avoid any necessary easements

Please ensure that all necessary permissions are in place to lay FPL main across existing easement strips

Please ensure that proposed route of main is laid in publicly adopted highway / shared private access

An operable valve must be fitted at the connection point Valve number

Governor Inlet Isolation valve required
Valve number 1004211

Governor Outlet Isolation valve required
Valve number 1004212

Land transfer required for MP Governor

SMART
METER TO BE FITTED BY OTHERS

GT - SGN
iGT - FULCRUM

PLANNING DRAWING CONSULT ALL UTILITY
PLANS BEFORE ANY EXCAVATIONS

MINIMUM DUCT SIZES FOR PE INSERTION
BS 4982 IS A SUITABLE STANDARD
FOR PLASTIC DUCTING

PIPE SIZE	DUCT SIZE
≤ 32 mm	60 mm
63 mm	100 mm
90 mm	150 mm
125 mm	200 mm
180 mm	250 mm

GAS MAINS MINIMUM DEPTH OF COVER

LOCATION OF PIPELINE	MOP
	≤ 7 BARS
CARRIAGEWAYS	0.75 m
FOOTWAYS	0.60 m
VERGES	0.75 m
OPEN FIELDS	1.10 m

GAS SERVICES MINIMUM DEPTH OF COVER

LOCATION OF PIPELINE	MOP ≤ 2 BARS Ø ≤ 63 mm
PRIVATE GROUND	0.375 m
HIGHWAYS	0.450 m

LEGEND

- EXISTING NHP GAS MAIN
- EXISTING LHP MAIN
- EXISTING IP MAIN
- PROPOSED IP GAS MAIN
- EXISTING MP GAS MAIN
- PROPOSED MP GAS MAIN
- EXISTING LP MAIN
- PROPOSED LP GAS MAIN
- MAIN TO BE ABANDONED
- PROPOSED LP DUCTED SERVICE
- CAP END
- REDUCER
- NETWORK NODE No
- GAS METER
- MULTI BOX METER POSITION

SITE LOCATION

STONEHAM LANE,
EASTLEIGH,
SO50 9HQ

GAS CONSTRUCTION PLAN
PARCELS 2A, 2B & 3B

DRAWING No:	DaCI-0175-01G	SCALE:	1:1000 @ A1
REV	NOTES	DATE	ENG
01	DESIGN AMENDED TO SUIT FPL GOVERNOR SETTINGS AND MAINS ROUTE ALTERED AT PHASE 2B	24.02.18	DC
02	PRI HOUSING RELOCATED TO ALLOW FULL OPENING AT THE REAR	14.03.18	DC
03	CSEP RELOCATED AT SGN REQUEST	05.04.18	DC
04	PRI AREA ADJUSTED TO MATCH LATEST GRP AND CSEP RELOCATED AT SGN REQUEST	12.04.18	DC

**UNAPPROVED
CONSTRUCTION
DRAWING**

SCHEDULE

DIAMETER OF PIPE	PIPE MATERIAL	SDR RATING	LENGTH (m)	NUMBER OF FITTINGS		
				EQUAL TEE's	REDUCER's	CAP END's
63mm PE	PE 80	SDR11	2093	13	-	24
90mm PE	PE 80	SDR17.6	795	14	12	-
125mm PE	PE 80	SDR17.6	107	2	10	-
180mm PE	PE 80	SDR17.6	164	-	8	-
250mm PE	PE 80	SDR17.6	527	3	8	-
315mm PE	PE 80	SDR17.6	295	5	7	2
TOTAL				37	45	26

APPROVED
By FPL at 2:18 pm, May 23, 2018

9100421

Please ensure that proposed route of main is not laid in any allocated car parking spaces this is to avoid any necessary easements

Please ensure that all necessary permissions are in place to lay FPL main across existing easement strips

Please ensure that proposed route of main is laid in publicly adopted highway / shared private access

An operable valve must be fitted at the connection point Valve number

Governor Inlet Isolation valve required
Valve number 1004211

Governor Outlet Isolation valve required
Valve number 1004212

Land transfer required for MP Governor

SMART
METER TO BE FITTED BY OTHERS

GT - SGN
iGT - FULCRUM

PLANNING DRAWING CONSULT ALL UTILITY PLANS BEFORE ANY EXCAVATIONS

MINIMUM DUCT SIZES FOR PE INSERTION
BS 4962 IS A SUITABLE STANDARD FOR PLASTIC DUCTING

PIPE SIZE	DUCT SIZE
≤ 32 mm	60 mm
63 mm	100 mm
90 mm	150 mm
125 mm	200 mm
180 mm	250 mm

GAS MAINS MINIMUM DEPTH OF COVER

LOCATION OF PIPELINE	MOP
	≤ 7 BARS
CARRIAGEWAYS	0.75 m
FOOTWAYS	0.60 m
VERGES	0.75 m
OPEN FIELDS	1.10 m

GAS SERVICES MINIMUM DEPTH OF COVER

LOCATION OF PIPELINE	MOP ≤ 2 BARS Ø ≤ 63 mm
PRIVATE GROUND	0.375 m
HIGHWAYS	0.450 m

LEGEND

- EXISTING NHP GAS MAIN
- EXISTING LHP MAIN
- EXISTING IP MAIN
- PROPOSED IP GAS MAIN
- EXISTING MP GAS MAIN
- PROPOSED MP GAS MAIN
- EXISTING LP MAIN
- PROPOSED LP GAS MAIN
- MAIN TO BE ABANDONED
- PROPOSED LP DUCTED SERVICE
- CAP END REDUCER
- NETWORK NODE No
- GAS METER
- MULTI BOX METER POSITION

SITE LOCATION

STONEHAM LANE,
EASTLEIGH,
SO50 9HQ

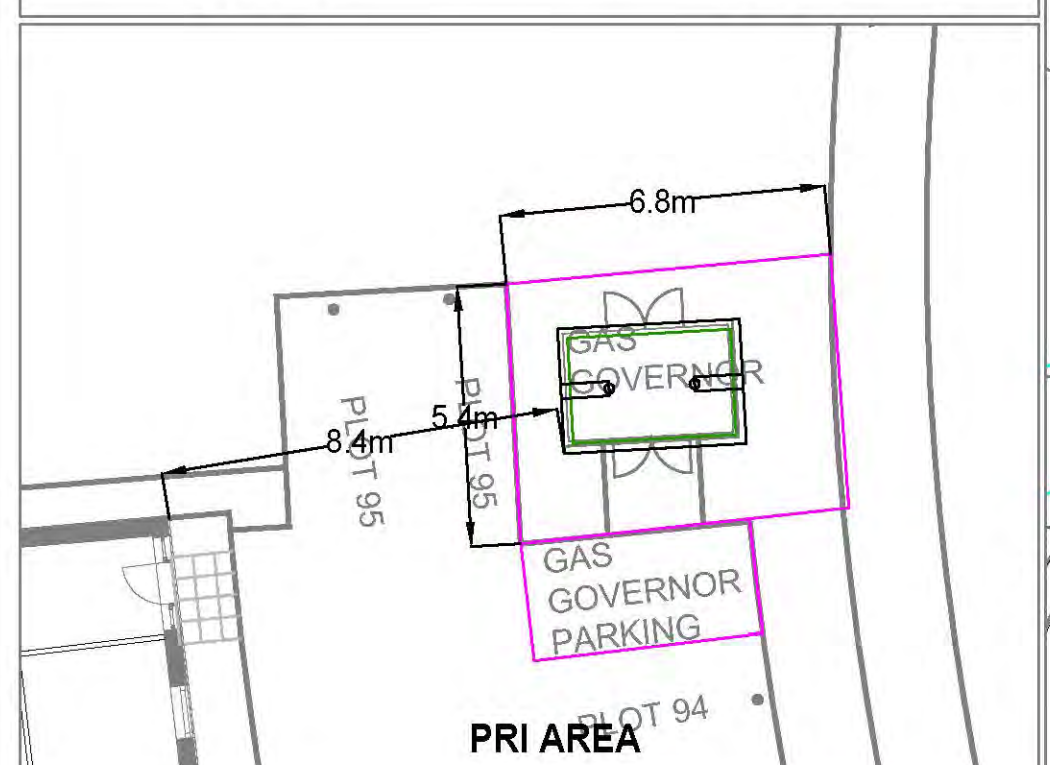
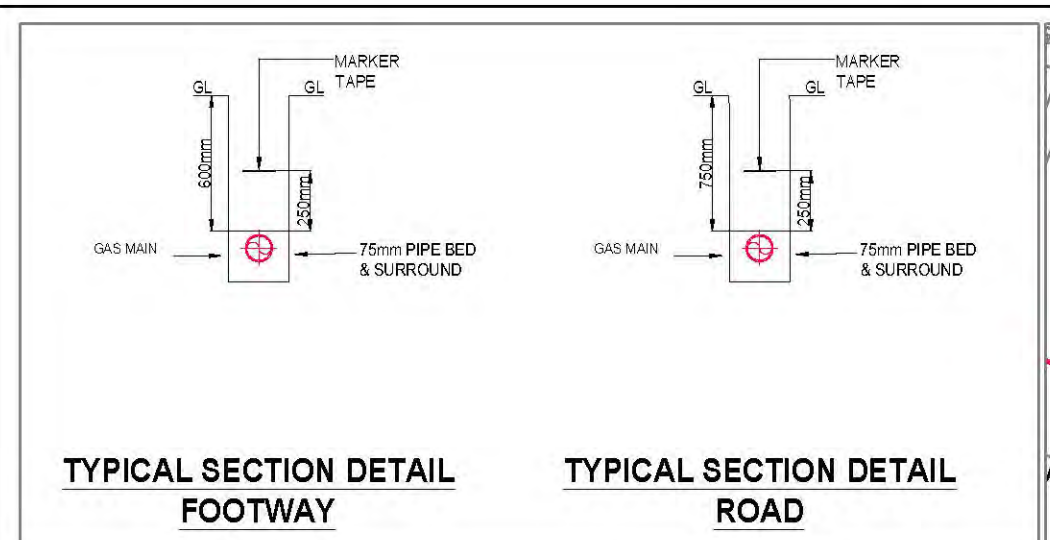
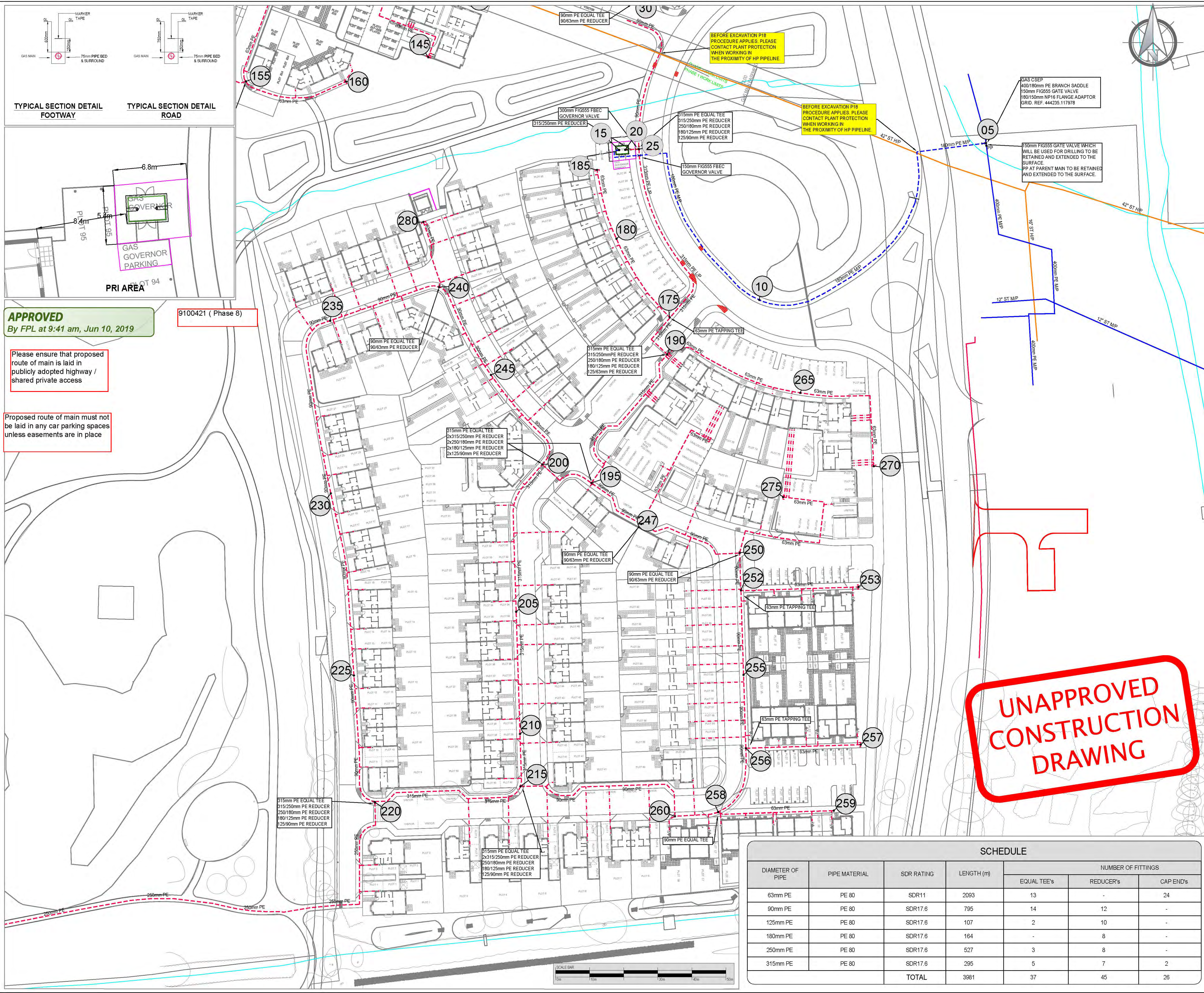
**GAS CONSTRUCTION PLAN
PARCELS 2A, 2B & 3B**

DRAWING No:	DaC-0175-01G	SCALE:	1:1000 @ A1
REV	NOTES	DATE	ENG
01	DESIGN AMENDED TO SUIT FPL GOVERNOR SETTINGS AND MAINS ROUTE ALTERED AT PHASE 2B	24.02.18	DC
02	PRI HOUSING RELOCATED TO ALLOW FULL OPENING AT THE REAR	14.03.18	DC
03	CSEP RELOCATED AT SGN REQUEST	05.04.18	DC
04	PRI AREA ADJUSTED TO MATCH LATEST GRP AND CSEP RELOCATED AT SGN REQUEST	12.04.18	DC
05	NEW SITE LAYOUT PROVIDED	14.05.18	DC

**UNAPPROVED
CONSTRUCTION
DRAWING**

SCHEDULE

DIAMETER OF PIPE	PIPE MATERIAL	SDR RATING	LENGTH (m)	NUMBER OF FITTINGS		
				EQUAL TEE's	REDUCER's	CAP END's
63mm PE	PE 80	SDR11	2093	13	-	24
90mm PE	PE 80	SDR17.6	795	14	12	-
125mm PE	PE 80	SDR17.6	107	2	10	-
180mm PE	PE 80	SDR17.6	164	-	8	-
250mm PE	PE 80	SDR17.6	527	3	8	-
315mm PE	PE 80	SDR17.6	295	5	7	2
TOTAL				37	45	26



APPROVED
By FPL at 9:41 am, Jun 10, 2019

Please ensure that proposed route of main is laid in publicly adopted highway / shared private access

Proposed route of main must not be laid in any car parking spaces unless easements are in place

9100421 (Phase 8)

BEFORE EXCAVATION P18 PROCEDURE APPLIES, PLEASE CONTACT PLANT PROTECTION WHEN WORKING IN THE PROXIMITY OF HP PIPELINE

BEFORE EXCAVATION P18 PROCEDURE APPLIES, PLEASE CONTACT PLANT PROTECTION WHEN WORKING IN THE PROXIMITY OF HP PIPELINE

GAS CSEP 400/180mm PE BRANCH SADDLE 150mm FIG555 GATE VALVE 180/150mm NPI6 FLANGE ADAPTOR GRID. REF. 444235.117978

150mm FIG555 GATE VALVE WHICH WILL BE USED FOR DRILLING TO BE RETAINED AND EXTENDED TO THE SURFACE. PP AT PARENT MAIN TO BE RETAINED AND EXTENDED TO THE SURFACE.

SMART
METER TO BE FITTED BY OTHERS

GT - SGN
iGT - FULCRUM

PLANNING DRAWING CONSULT ALL UTILITY
PLANS BEFORE ANY EXCAVATIONS

MINIMUM DUCT SIZES FOR PE INSERTION
BS 4962 IS A SUITABLE STANDARD
FOR PLASTIC DUCTING

PIPE SIZE	DUCT SIZE
≤ 32 mm	60 mm
63 mm	100 mm
90 mm	150 mm
125 mm	200 mm
180 mm	250 mm

GAS MAINS MINIMUM DEPTH OF COVER

LOCATION OF PIPELINE	MOP
CARRIAGEWAYS	0.75 m
FOOTWAYS	0.60 m
VERGES	0.75 m
OPEN FIELDS	1.10 m

GAS SERVICES MINIMUM DEPTH OF COVER

LOCATION OF PIPELINE	MOP ≤ 2 BARS Ø ≤ 63 mm
PRIVATE GROUND	0.375 m
HIGHWAYS	0.450 m

LEGEND

- EXISTING NHP GAS MAIN
- EXISTING LHP MAIN
- EXISTING IP MAIN
- PROPOSED IP GAS MAIN
- EXISTING MP GAS MAIN
- PROPOSED MP GAS MAIN
- EXISTING LP MAIN
- PROPOSED LP GAS MAIN
- MAIN TO BE ABANDONED
- PROPOSED LP DUCTED SERVICE
- CAP END
- REDUCER
- NETWORK NODE No
- BUILT-IN GAS METER
- MULTI BOX METER POSITION

SITE LOCATION

STONEHAM LANE,
EASTLEIGH,
SO50 9HQ

GAS CONSTRUCTION PLAN
PARCEL 2A

REV	NOTES	DATE	ENG
01	DESIGN AMENDED TO SUIT FPL GOVERNOR SETTINGS AND MAINS ROUTE ALTERED AT PHASE 2B	24.02.18	DC
02	PRI HOUSING RELOCATED TO ALLOW FULL OPENING AT THE REAR	14.03.18	DC
03	CSEP RELOCATED AT SGN REQUEST	05.04.18	DC
04	PRI AREA ADJUSTED TO MATCH LATEST GRP AND CSEP RELOCATED AT SGN REQUEST	12.04.18	DC
05	NEW SITE LAYOUT PROVIDED	14.05.18	DC
06	NODE SIZE INCREASED	08.11.18	DC
07	LOGOS AMENDED AS PER CLIENT'S REQUEST	28.11.18	DC
08	PH 8 ADDED TO DESIGN	18.03.19	DC
09	LEGEND AMENDED FOR GAS METERS	15.04.19	DC

SCHEDULE						
DIAMETER OF PIPE	PIPE MATERIAL	SDR RATING	LENGTH (m)	NUMBER OF FITTINGS		
				EQUAL TEE's	REDUCER's	CAP END's
63mm PE	PE 80	SDR11	2093	13	-	24
90mm PE	PE 80	SDR17.6	795	14	12	-
125mm PE	PE 80	SDR17.6	107	2	10	-
180mm PE	PE 80	SDR17.6	164	-	8	-
250mm PE	PE 80	SDR17.6	527	3	8	-
315mm PE	PE 80	SDR17.6	295	5	7	2
TOTAL				37	45	26

ALERT

Appendix 1

Safe working practices in the vicinity of metallic valves

All operatives are required to adhere to the following precautionary measures when working on or near metallic valves.

Where the valves are likely to be encountered?

In any location above or below ground, for example (please note this list is not exhaustive):

- Buried line valves
- Governor installations
- Meter installations
- ECVs / Construction valves
- Valve associated with outlet pipe work
- Metallic valves installed by other utilities (e.g. water)

REQUIRED ACTION

Below Ground

- DO NOT use hand held power tools or mechanical excavator within 0.5m (500mm) either side of the valve, or above the valve position.
- When excavating to expose a valve, dig down at the side of the marked position, and not directly above. Use an air lance, spades and shovels rather than grafts, forks or picks.
- DO NOT position yourself directly over or in front of the valve bonnet at any time, as should the valve fail catastrophically, parts of it and/or escaped gas and other materials could be ejected out. Should anything unusual become evident e.g. smell of gas, noise or ejection of material from the excavation – STOP, withdraw and contact National Gas Emergency Service on 0800 111 999
- DO NOT attempt to operate valve or remove any protective coatings.

In the Event of an Emergency

If there is a smell of gas you must take the following actions IMMEDIATELY:

- Stop work and get everyone away from the immediate vicinity of the escape
- Inform the National Gas Emergency Service on 0800 111 999
- DO NOT attempt to stop the escape by filling the excavation as gas may enter buildings

Issued by: Fulcrum Pipelines Limited

Date: June 2016

Version: 1.0

Design it well, Build it Correctly, Do it Safely

Searches - Cornerstone Projects Ltd

From: Pipelines <pipelines@EnergyAssets.co.uk>
Sent: 23 June 2021 10:00
To: 'Searches - Cornerstone Projects Ltd'
Subject: RE: [EXTERNAL] Plant enquiry - Site Ref. P2568 Stoneham Lane - Bean Street, , Eastleigh, Southampton - NGR E444174 N117565

Good Morning

With regards to your request for details of existing services, we can confirm that based on the details provided to us, we have no buried plant or equipment in the identified area.

Kind Regards

From: Searches - Cornerstone Projects Ltd [mailto:searches@cornerstoneprojects.co.uk]
Sent: 23 June 2021 09:08
To: Searches - Cornerstone Projects Ltd <searches@cornerstoneprojects.co.uk>
Subject: [EXTERNAL] Plant enquiry - Site Ref. P2568 Stoneham Lane - Bean Street, , Eastleigh, Southampton - NGR E444174 N117565

Dear Sir/Madam,

Re: - Underground Apparatus / Plant

Site Ref. P2568 Stoneham Lane - Bean Street, , Eastleigh, Southampton - NGR E444174 N117565

In order that all reasonable precautions may be taken to avoid risk to health and safety through contact with any of your existing apparatus during execution of works at the above site location, please provide plan(s) indicating the general position and nature of your apparatus in the locality. In addition, please highlight any likely special problems that could arise in connection with your apparatus as a result of the works and any limitations on the quality of the information provided.

The proposed site area is centered accurately on the OS grid reference above and will be no more than 200m x 200m, unless noted otherwise in which case the site boundaries will be as marked on the attached plan. If you have no apparatus in the area of the proposed works, please send a nil return.

Your earliest response would be greatly appreciated.

Thanks,

Matthew Nolan
Projects Manager
Cornerstone Projects Ltd
91 Market Street, Hoylake, Wirral CH47 5AA
www.cornerstoneprojects.co.uk
Email : searches@cornerstoneprojects.co.uk
Tel : 0151 632 5142

Registered in England 5132353.
Registered Address : Cornerstone Projects Ltd, 91 Market Street, Wirral, Merseyside CH47 5AA

Searches - Cornerstone Projects Ltd

From: nrswa.uk@engie.com
Sent: 01 July 2021 11:57
To: searches@cornerstoneprojects.co.uk
Subject: RE: Plant enquiry - Site Ref. P2568 Stoneham Lane - Bean Street, , Eastleigh, Southampton, SO50 9NW - NGR E444174 N117565

To whom it may concern

With regard to your request for details of existing services in the specified area;

We can confirm that, based on the details provided to us, we have no buried plant or equipment in the identified area.

Kind regards



NRSWA

Urban Energy

UK & IRELAND

T +28 2216530

White Post Lane
London E15 2GP

www.engie.co.uk

Please consider the environment before printing this message

Part of the ENGIE Group

From: Searches - Cornerstone Projects Ltd <searches@cornerstoneprojects.co.uk>

Sent: 23 June 2021 09:09

To: NRSWA (ENGIE UK) <nrswa.uk@engie.com>

Subject: ⚠ Plant enquiry - Site Ref. P2568 Stoneham Lane - Bean Street, , Eastleigh, Southampton, SO50 9NW - NGR E444174 N117565

Dear Sir/Madam,

Re: - Underground Apparatus / Plant

Site Ref. P2568 Stoneham Lane - Bean Street, , Eastleigh, Southampton - NGR E444174 N117565

In order that all reasonable precautions may be taken to avoid risk to health and safety through contact with any of your existing apparatus during execution of works at the above site location, please provide plan(s) indicating the general position and nature of your apparatus in the locality. In addition, please highlight any likely special problems that could arise in connection with your apparatus as a result of the works and any limitations on the quality of the information provided.