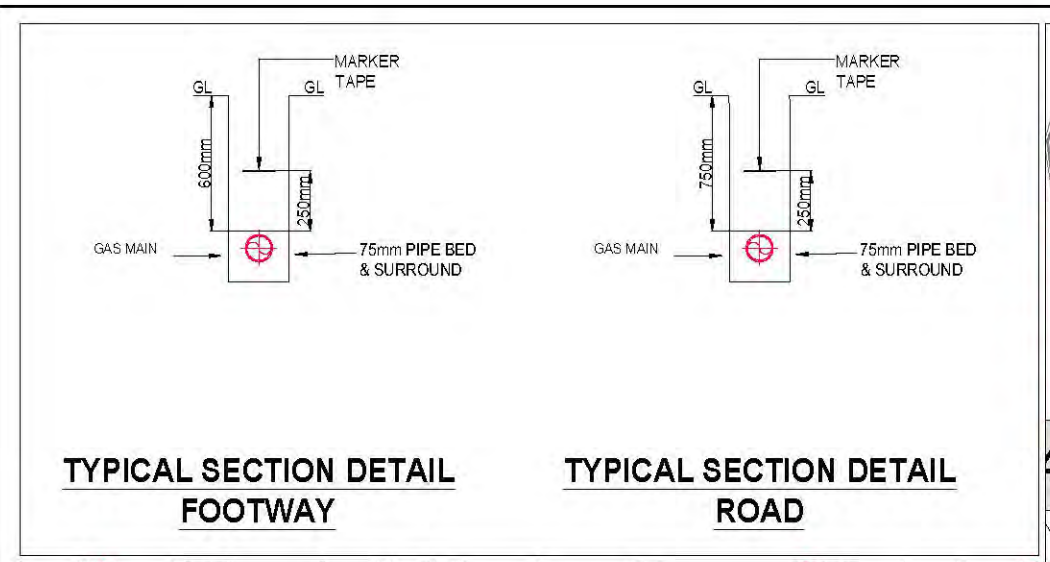
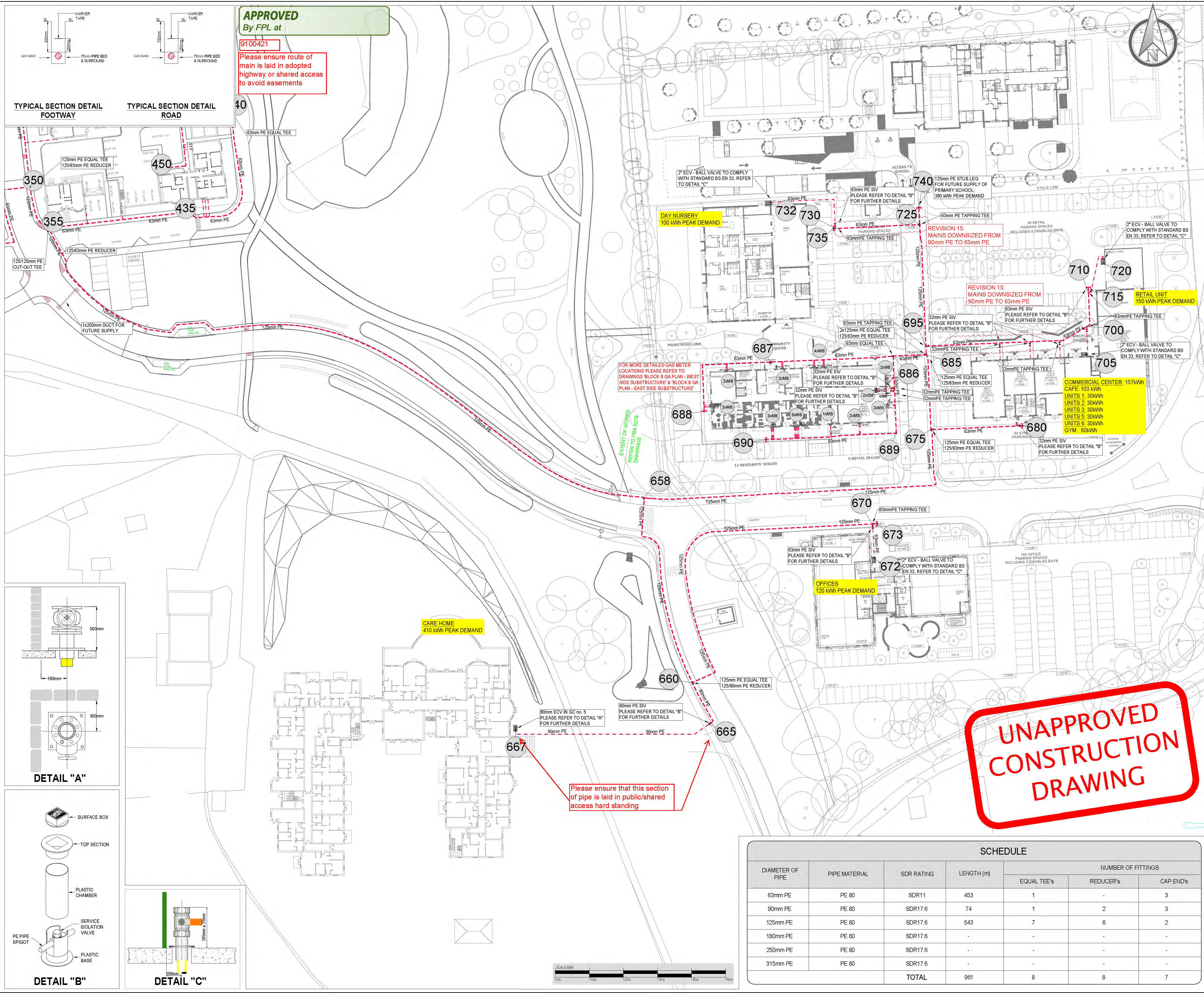
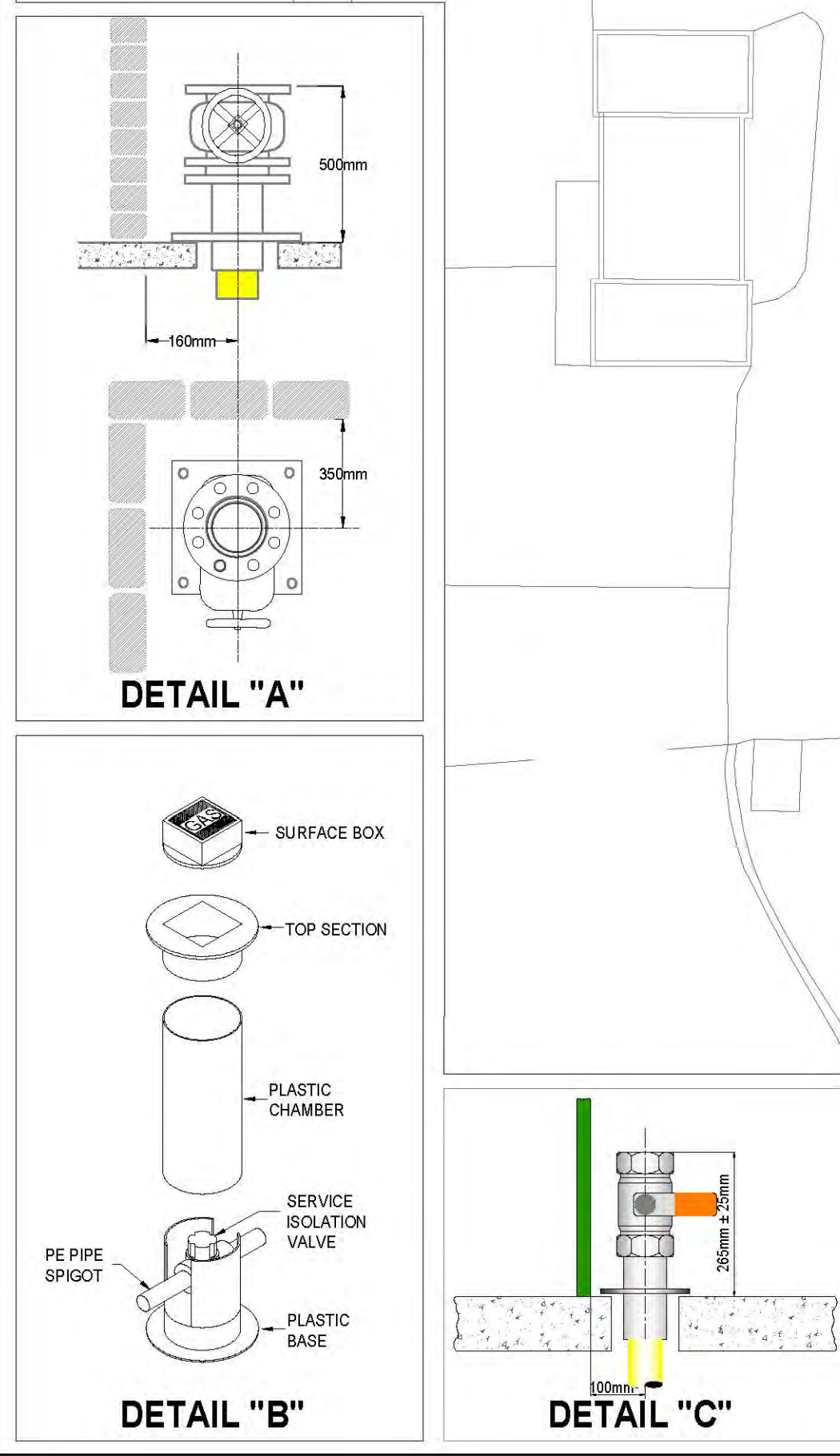




APPROVED
By FPL at
9100421
Please ensure route of main is laid in adopted highway or shared access to avoid easements



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
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
- INTERNAL GAS METER
- BUILT IN GAS METER
- MULTI BOX METER POSITION

SITE LOCATION

STONEHAM LANE,
EASTLEIGH,
SO50 9HQ

GAS CONSTRUCTION PLAN

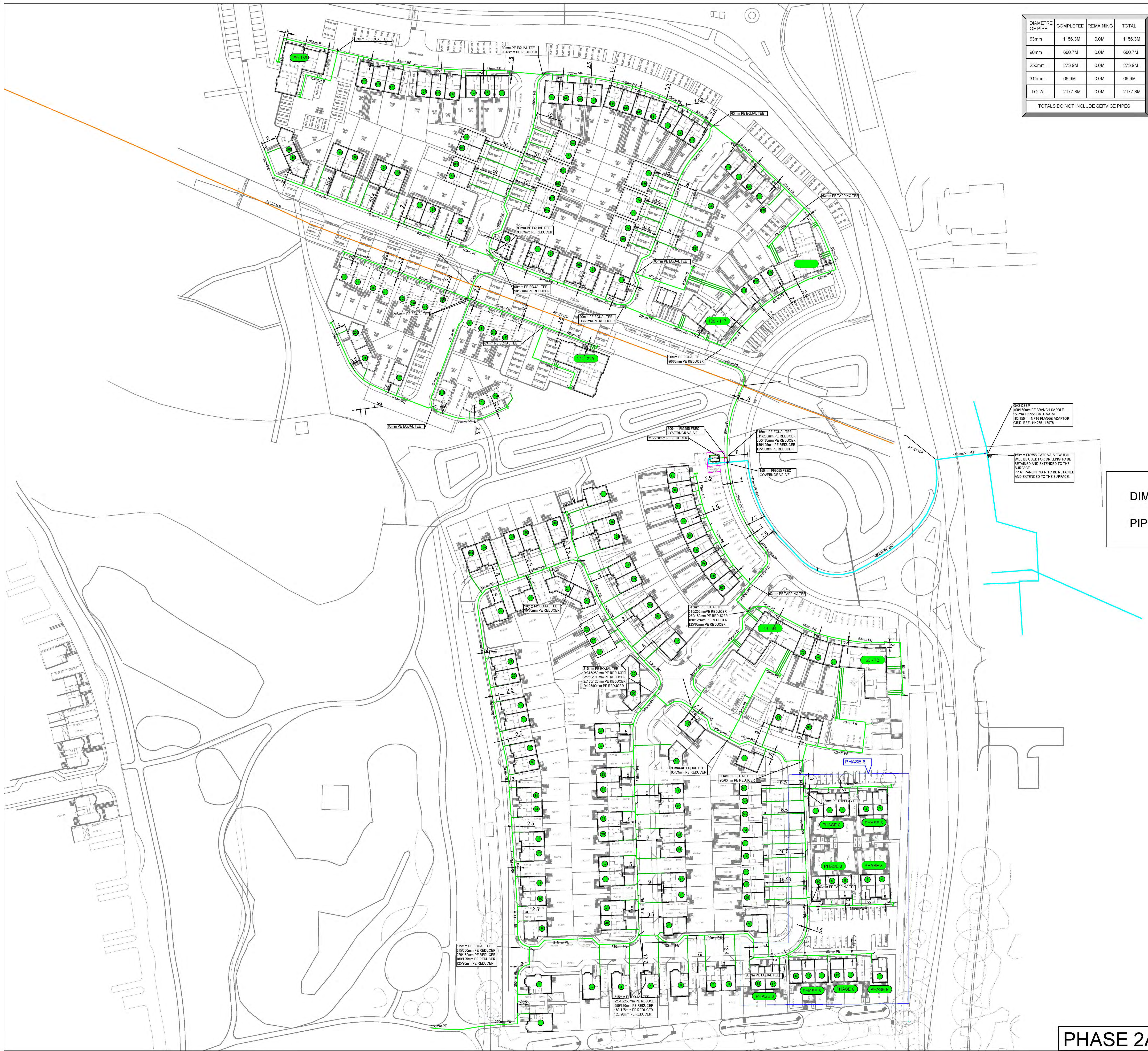
DRAWING No:	DaCH-0175-G-07G	SCALE:	1:500 @ A1
REV	NOTES	DATE	ENG
01	NODE SIZE INCREASED	08.11.18	DC
02	LOGOS AMENDED AS PER CLIENTS REQUEST	28.11.18	DC
03	SITE LAYOUT UPDATED	18.12.18	DC
04	GYM SUPPLY ADDED	18.12.18	DC
05	LARGE COMMERCIAL SUPPLIES AMENDED TO EXTERNAL KNOCKS	20.02.19	DC
06	SUPPLY AND MAINS FOR RETAIL AND COMMERCIAL UNIT ALTERED	01.03.19	DC
07	TYP0 ERROR ON ECVS AMENDED	05.03.19	DC
08	REVISED GAS MAIN ROUTE AS PER CLIENTS REQUEST	20.03.19	DC
09	DUCTS ADDED TO SUPPLY FUTURE HOMES	29.03.19	DC
10	GAS DESIGN AMENDED BETWEEN NODES 658-660 AND 660-670	04.06.19	DC
11	GAS MAINS RELOCATED BETWEEN NODES 695-710	15.08.19	DC
12	INDIVIDUAL SUPPLIES ADDED TO BLOCK B	09.11.19	DC
13	SUPPLY TO UNIT 13 ADDED	19.11.19	DC
14	GAS METERS FOR BLOCK B AMENDED	22.11.19	DC
15	MAINS DOWN SIZED FROM 90mm TO 63mm	19.12.19	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	453	1	-	3
90mm PE	PE 80	SDR17.6	74	1	2	3
125mm PE	PE 80	SDR17.6	543	7	6	2
180mm PE	PE 80	SDR17.6	-	-	-	-
250mm PE	PE 80	SDR17.6	-	-	-	-
315mm PE	PE 80	SDR17.6	-	-	-	-
TOTAL			961	8	8	7

CONNECT IT
UTILITY CONNECTIONS
www.cius.co.uk



DIAMETRE OF PIPE	COMPLETED	REMAINING	TOTAL
63mm	1156.3M	0.0M	1156.3M
90mm	680.7M	0.0M	680.7M
250mm	273.9M	0.0M	273.9M
315mm	66.9M	0.0M	66.9M
TOTAL	2177.8M	0.0M	2177.8M

TOTALS DO NOT INCLUDE SERVICE PIPES

- LEGEND**
- 1 CAP END
 - REDUCER
 - 05 NETWORK NODE
 - BUILT IN METER BOX
 - MB MULTI BOX
 - XX ASSUMED METER LOCATION
 - GAS CABINET
 - VALVE L/P
 - VALVE M/P
 - A ABANDON

MAINS PIPE ONLY

- EXISTING MAIN
- MAIN TO BE INSTALLED
- MP MAIN INSTALLED
- LP MAIN INSTALLED

SERVICE PIPE ONLY

- SERVICE PIPES TO BE INSTALLED
- 34 SERVICE PIPE INSTALLED

PLOT {}

DIMENSIONS TO BE ADDED
PIPE QUANTITIES TO BE ADDED

Notes:

GENERAL
THE INFORMATION SHOWN ON THIS PLAN IS GIVEN WITHOUT GUARANTEE OR WARRANTY. THE ACCURACY THEREOF CANNOT BE GUARANTEED. WHERE SERVICES 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 MUST BE VERIFIED AND ESTABLISHED ON SITE BEFORE ANY EXCAVATIONS ARE CARRIED OUT OR ANY MECHANICAL PLANT USED.

2. THE DEPTH AND POSITION OF ALL SERVICE / DISTRIBUTION EQUIPMENT INSTALLED ARE TAKEN AT THE TIME OF INSTALLATION. HOWEVER, THIRD PARTIES MAY HAVE ALTERED THE LEVELS AND OTHER REFERENCE DATA.

3. UNLESS OTHERWISE SPECIFIED ALL MAINS WERE BURIED TO A DEPTH OF 900MM.

A	AS LAID TO DATE	MM	24/03/20
REV.	DESCRIPTION:	BY:	DATE

SGN
ENERGETICS - ASSET011718

CONNECT IT UTILITY SERVICES
UTILITY CONNECTIONS www.cius.co.uk

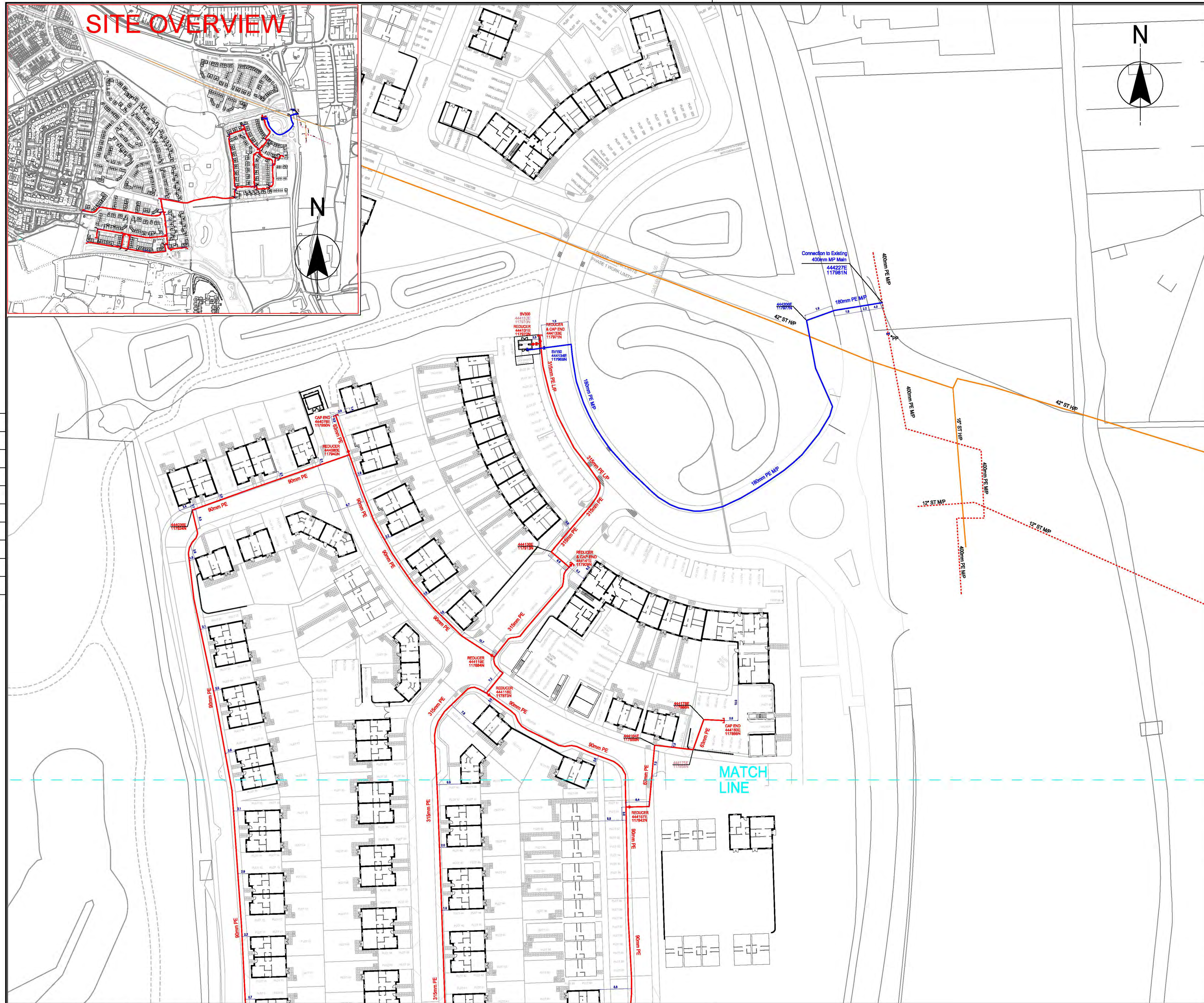
UP
CONNECT IT UTILITY SERVICES LTD
Units 1 & 2 Berrywood Business Village
Villabar Way
Southampton
SO9 2UN

SITE:
STONEHAM LANE - PHASE 2
Eastleigh, Hants
SO50

TIME:
GAS AS LAID PLAN

SCALE AT A3:	DATE:	DRAWN:	CHECKED:
1:500	24/03/20	MJW	CL
DRAWING NO:	UP NO:	REVISION:	
MU1033-G001	MU1033	A	

PHASE 2A AND 2B + PHASE 8



DRAWING NO.
MU1033-4/36406

REVISION
0

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 (Road)	1.5m
Main (Footpath)	0.75m
Service (Road & verges)	0.45m
Service (Footpath)	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 2171m)

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	566m
63mm LP PE	Open Cut	531m
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.

0	08.10.2018	APPROVAL	GTT	SET	SE
Rev	Date	Purpose of Revision	Drawn	Checked	Reviewed/Approved

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 1 OF 3)

DRAWING TITLE

CHESTNUT AVENUE
EASTLEIGH
SO50 9HQ

DATE

08/10/2018

SCALE

1:500

MASTER SIZE

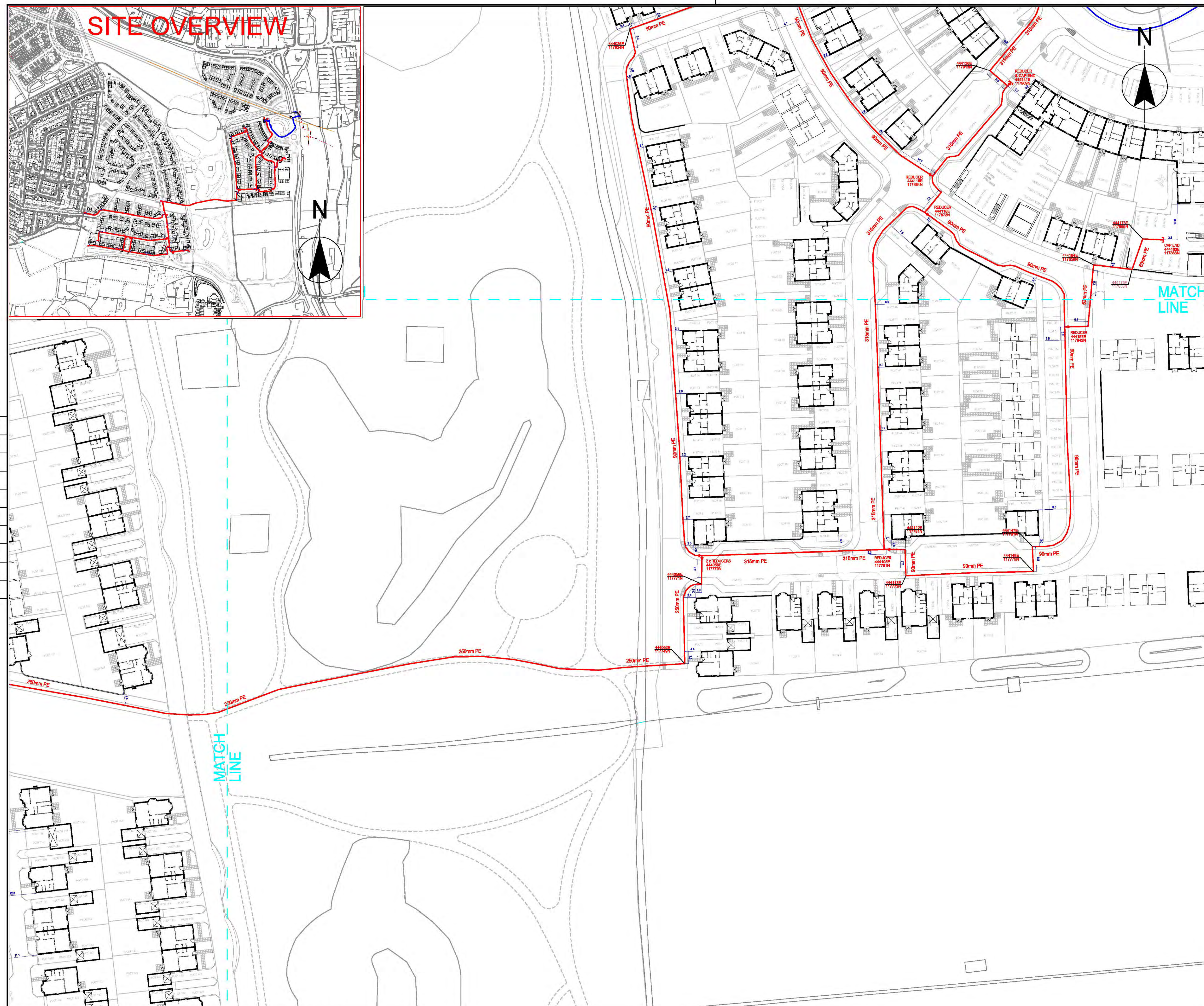
A1

DRAWING NO.

MU1033-4/36406

REVISION

0



DRAWING NO.

MU1033-4/36406

REVISION

0

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 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 (below)

1.0m

Main (road & verge)

0.75m

Main (footpath)

0.6m

Service (road & verge)

0.45m

Service (footpath)

0.45m

Service (private land)

0.375m

Ducts 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

New Gas Main Requirements (Total Length 2171m)

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

566m

63mm LP PE

Open Cut

531m

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.

0

08/10/2018

APPROVAL

GTT

SET

SE

Rev

Date

Purpose of Revision

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 2 OF 3)

DRAWING TITLE

CHESTNUT AVENUE
EASTLEIGH
SO50 9HQ

DATE

08/10/2018

SCALE

1:500

MASTER SIZE

A1

DRAWING NO.

MU1033-4/36406

REVISION

0



SITE OVERVIEW

DRAWING NO.
MU1033-4/36406

REVISION
0

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 (Road)	1.5m
Main (Footpath)	0.75m
Service (Road & verges)	0.6m
Service (Footpath)	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 2171m)

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	566m
63mm LP PE	Open Cut	531m
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.

0	08.10.2018	APPROVAL	GTT	SET	SE
Rev	Date	Purpose of Revision	Drawn	Checked	Reviewed/Approved

GAS INFRASTRUCTURE
AS LAID DRAWING

CONNECT IT

UTILITY SERVICES

UTILITY CONNECTIONS

www.cius.co.uk

PROJECT TITLE

STONEHAM LANE
(PAGE 3 OF 3)

DRAWING TITLE

CHESTNUT AVENUE
EASTLEIGH
SO50 9HQ

DATE

08/10/2018

SCALE

1:500

MASTER SIZE

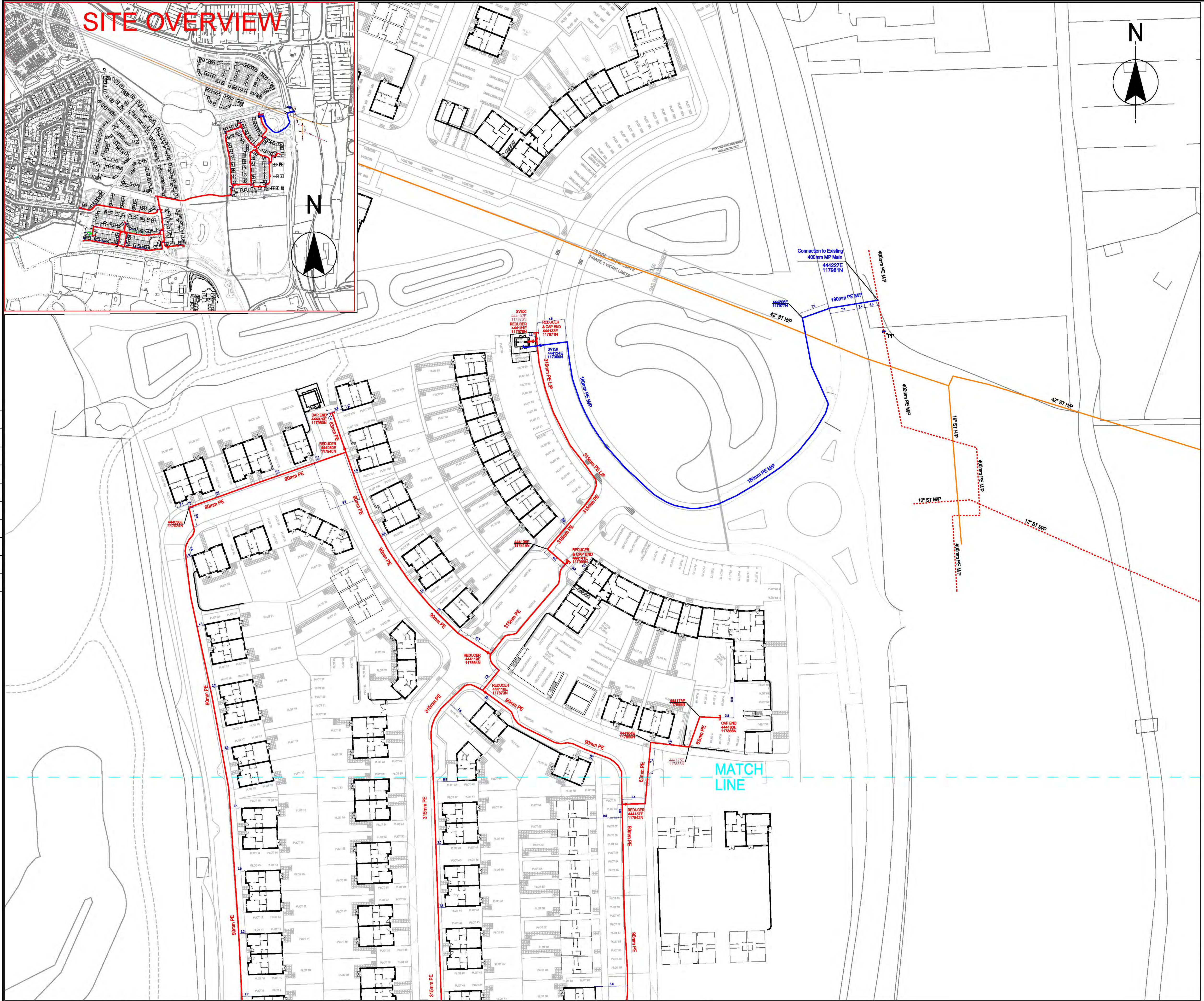
A1

DRAWING NO.

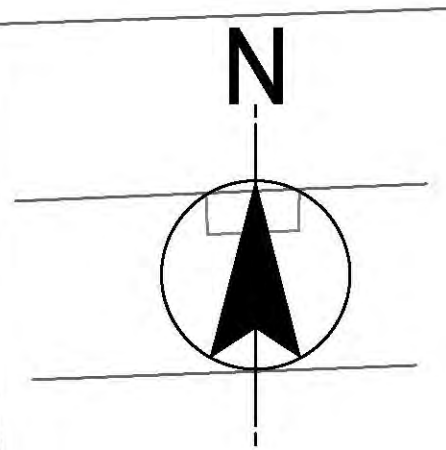
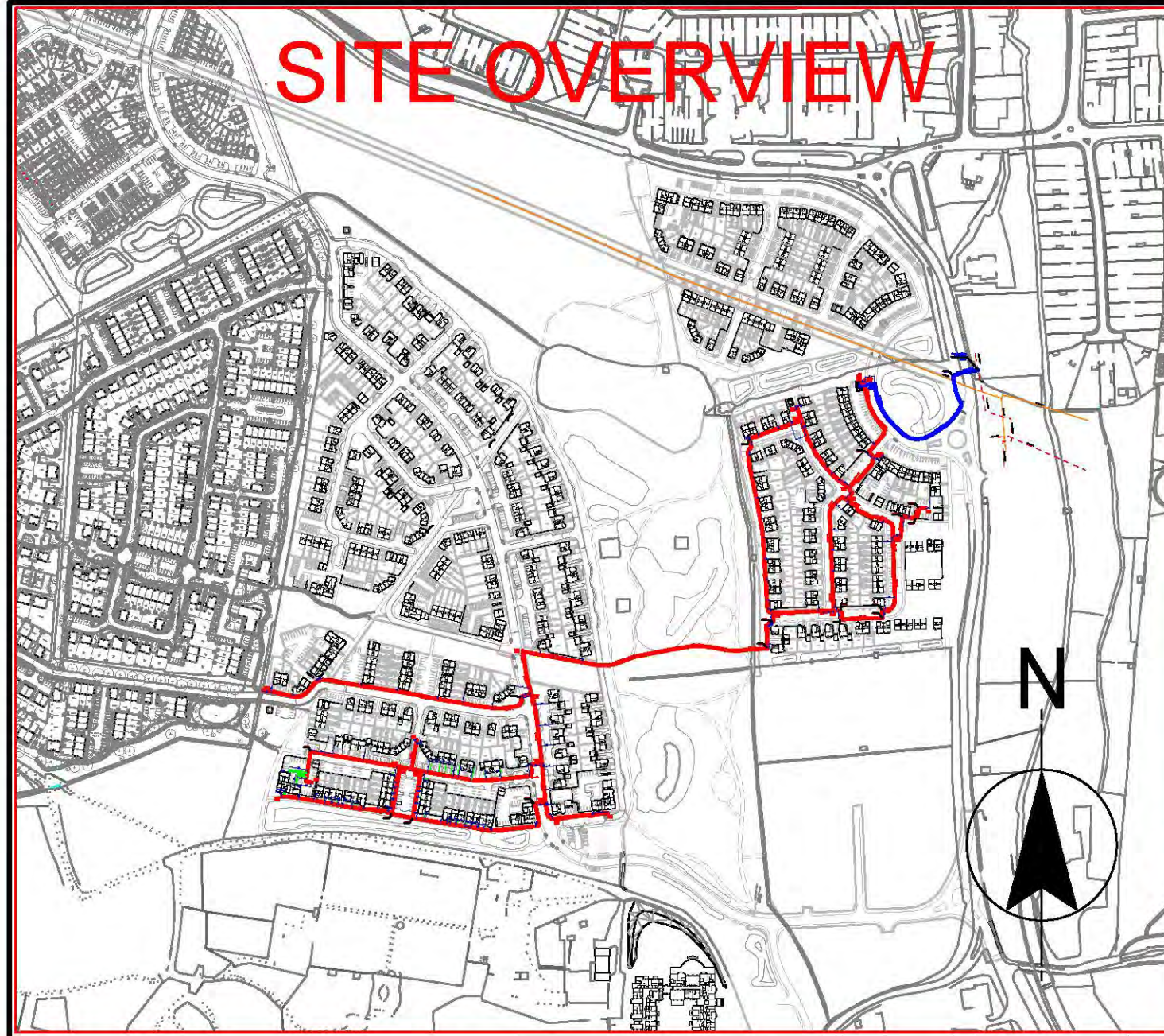
MU1033-4/36406

REVISION

0



SITE OVERVIEW



- 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 (Road)	1.5m
Main (road & verge)	0.75m
Main (footpath)	0.6m
Service (road & verge)	0.45m
Service (footpath)	0.45m
Service (private land)	0.375m

Depths are for solid mains & services unless shown otherwise.
Dimensions as shown in metric

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.

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

GAS INFRASTRUCTURE AS LAID DRAWING



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

PROJECT TITLE
STONEHAM LANE
(PAGE 1 OF 3)

DRAWING TITLE
CHESTNUT AVENUE
EASTLEIGH
SO50 9HQ