NOTES: All dimensions must be checked on site and not scaled from this drawing.

| Rev | Date | Description | By |
|---|---|---|---|
| P01 | 01.12.23 | Preliminary issue | M.D. |
| P02 | 12.12.23 | Pulse meter duct re-located | M.D. |
| C01 | 30.01.24 | Construction Issue | M.D. |

PROPOSED NEW GAS KIOSK LOCATION. GAS SUPPLY TO BRANCH OFF EXSISTING PHASE 1 MAIN

DUAL ELECTRIC VEHICLE CHARGING POINT FED BY 100Ø LV DUCT & 100Ø ELV

DUAL ELECTRIC VEHICLE CHARGING POINT FED BY 100Ø LV DUCT & 100Ø ELV

DUAL ELECTRIC VEHICLE CHARGING POINT FED BY 100Ø LV DUCT & 100Ø ELV

EXISTING MCW & GAS MAIN TO CONTINUE TO PHASE 1. PHASE 2 CONNECTIONS TO BRANCH OFF EXISTING SUPPIES.

Temporary Surface

New Dropped Kerb

3m High Vertical Steel Bar Security Fence

Concrete pin kerb

Pedestrian Gate

EXT.B

DEVCP 1T

DB/00/CP/9-L3

DB/00/CP/9-L2

DB/00/CP/9-L1

DB/00/CP/11-L1

Existing Asphalt access road

Asphalt Pedestrian Walkway

Proposed Gas Kiosk

Tactile Paving

EXT.A

CONNECTION/STRATEGY TO RE-FEED TO BE CONFIRMED. LIGHTING SHOWN OUT OF SITE BOUNDARY. WDC TO CONFIRM

L-R
3No. 100Ø LV DUCT
2No. 100Ø ELV DUCT
EXSISTING MCW (SIZE TBC)
EXSISTING NG MAIN (SIZE TBC)

Temporary Surface

Gate

Asphalt

**SERVICE YARD**

INDICATIVE SITE BOUNDARY - TBC BY ARCHITECT

CONNECTION/STRATEGY TO RE-FEED TO BE CONFIRMED. LIGHTING SHOWN OUT OF SITE BOUNDARY. WDC TO CONFIRM

T-B
1No. 100Ø LV DUCT
1No. 100Ø ELV DUCT
EXSISTING MCW (SIZE TBC)
EXSISTING NG MAIN (SIZE TBC)

AMEON TO INSTALL INCOMING GAS FROM GAS KIOSK ONLY

Demarked Walkway

Pedestrian Gate

INTERCOM FED BY 100Ø LV DUCT & 100Ø ELV - TO BE CO-ORDINATED WITH CAR PARK LAYOUT

POWER SUPPLY FOR INTERCOM DB/00/CP/11-L1

BRANCH OFF ONLY FROM EXISTING PHASE 1 MCW

T-B
4No. 100Ø LV DUCTS
2No. 100Ø ELV DUCTS

L-R
3No. 100Ø LV DUCT
2No. 100Ø ELV DUCT
EXSISTING MCW (SIZE TBC)
200Ø FOR PULSE METER (TBC)
EXSISTING NG MAIN (SIZE TBC)

x;AREA TO BE DELIVERED BY ADJACENT/DEVELOPMENT

EXISTING COLUMN TO BE RETAINED AND RECONNECTED

L-R
3No. 100Ø LV DUCT
2No. 100Ø ELV DUCT
EXSISTING MCW (SIZE TBC)
200Ø FOR PULSE METER (TBC)
EXSISTING NG MAIN (SIZE TBC)

T-B
2No. 100Ø ELV DUCT
1No. 100Ø LV DUCT

CONNECTION/STRATEGY TO RE-FEED TO BE CONFIRMED. LIGHTING SHOWN OUT OF SITE BOUNDARY. WDC TO CONFIRM

Existing Asphalt access road

Highway Kerb

Highway Kerb

INDICATIVE SITE BOUNDARY - TBC BY ARCHITECT

DB/00/CP/1-L2

L-R
3No. 100Ø LV DUCT
2No. 100Ø ELV DUCT
EXSISTING MCW (SIZE TBC)
200Ø FOR PULSE METER (TBC)
EXSISTING NG MAIN (SIZE TBC)

Intercoms to have keypad & fob access

IN1

Intercom

Traffic Barrier 3m

EXT.A

ELECTRIC BARRIER

Intercoms to have keypad & fob access

IN1

Intercom

EXISTING COLUMN TO BE RETAINED AND RECONNECTED

INTERCOM FED BY 1No. 100Ø LV DUCT & 1No. 100Ø ELV LOCATION OF INTERCOM TBC WITH BARRIER

POWER SUPPLY FOR INTERCOM DB/00/CP/11-L1

x;FINAL VEHICLE BARRIER POSITION TBC BY COLLEGE

Temporary Surface

Block Paving to match existing

L-R
3No. 100Ø LV DUCT
2No. 100Ø ELV DUCT
EXSISTING MCW (SIZE TBC)
200Ø FOR PULSE METER (TBC)
EXSISTING NG MAIN (SIZE TBC)

EXT.A

CONNECTION/STRATEGY TO RE-FEED TO BE CONFIRMED. LIGHTING SHOWN OUT OF SITE BOUNDARY. WDC TO CONFIRM

INDICATIVE SITE BOUNDARY - TBC BY ARCHITECT

DUCT FOR PULSE WATER METER CONNECTION. REQUIRED FOR SHADOW BREEAM ACCREDITION

EXSISTING WATER METER - APPROX LOCATION

EXISTING PHASE 1 MCW & NG MAIN

Tactile Paving

Existing BlockPaving to be reinstated

Existing BlockPaving

Heritage Kerb

Existing Raised Planter reinstated

Existing Steps to be reinstated

Existing Raised Planter reinstated

PHASE 2 IT HUB TO BE INTERFACED WITH PHASE 1 IT HUB

ROUTE OF BT INCOMING SERVICES TO IT HUB PHASE 1 TO BE AT HIGH LEVEL BY DEDICATED DATA BASKET. INCOMING SERVICES TO BE BOXED IN TO PROVIDE 120 MINUTES FIRE COMPARTMENTATION AS PER FIRE CONSULTANTS RECOMMENDATION

PHASE 1 INCOMING SERVICES LOCATED APPROX IN THIS AREA. TBC BY SITE SURVEY

FIBRE SPLICE POINT AT H/L & WITHIN 3m TO BLOCK POINT

APPROXIMATE LOCATION FOR PHASE 1 EARTH NEST. ANY RE-TESTING FOLLOWING PHASE 2 ENABLING WORKS TO BE CONDUCTED BY OTHERS

EXISTING FIRE HYDRANT. ROUTE AND LOCATION TBC BY SITE SURVEY

EXISTING BT GROUND COVERS TBC BY SITE SURVEY

EXISTING 1.2m EARTH RODS DRVIEN INTO GROUND ON EACH CORNER. 70mm EARTH COPPER TAPE TO CONNECT ALL 4 CORNERS. TO REMAIN PROTECTED DURING THE CONSTRUCTION OF PHASE 2

INSTALLATION OF NEW DUCT FROM EXISTING BT GROUND COVER TO BE INSTALLED. 2No. 90mm DUCTS. TBC BY BT

x;KEEP CLEAR

GREAT DU

External Ducting Services Layout
1 : 100

0m 1m 2m 3m 4m 5m

VISUAL SCALE 1:50 @ A0

LEGEND

- INCOMING MDPE MAINS COLD WATER
- NATURAL GAS MAIN
- LV DUCT
- ELV DUCT
- EXISTING DUCT - LOCATION & USE TBC BY WDC
- 450mm x 450mm PULLING CHAMBER
- 600mm x 600mm PULLING CHAMBER
- 1200mm x 600mm PULLING CHAMBER
- EXT.A EXISTING LIGHTING COLUMN
- EXT.B NEW LIGHTING COLUMN
- DEVCP ELECTRIC VEHICLE CHARGER

NOTES

1. THIS DRAWING IS TO BE READ IN COLOUR

2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

3. PULLING CHAMBERS TO BE INSTALLED NO MORE THAN 20M ALONG ROUTE OF DUCT

4. REFER TO INCOMING M&E SERVICES LAYOUT CCPH2-AME-Z1-00-DR-ME-5001 FOR FURTHER DETAILS

5. EXISTING SERVICES FOR PHASE 1 TO BE SURVEYED ON SITE PRIOR TO ANY ADDITIOANL CONNECTIONS

6.EXTERNAL COLUMN MOUNTED CCTV LOCATIONS TO BE CONFIRMED. POSITIONS TO BE DEPENDANT ON WORKS ALONG SITE BOUNDARY

7. NJUG TRENCH DETAILS TO BE FOLLOWED FOR DEPTHS AND COLOURS OF DUCTS

EARLY WORKS NOTES

1. CLIENT TO ENGAGE WITH TELECOMS PROVIDER TO CONFIRM OPTIONS FOR THE INCOMING SERVICES TO BE EITHER PROTECTED OR DIVERTED.

2. DIVERT POWER AND DATA DUCTS LOCATED IN DISABLED PARKING AROUND THE PROPOSED PHASE 2 TO RECONNECT THE PARKING BARRIER AND PERIMETER DUCT RUN.

3. REMOVE AND STORE EVC CHARGING POINTS FOR USE BY CLIENT.

4. SUBSTATION EARTH NEST HAS BEEN INSTALLED WITHIN ADJACENT PAVEMENT AREA. AS PER MARKUP RECEIVED FROM WDC. WDC TO LIAISE WITH SPECIALIST TO RETEST.

5. FIRE HYDRANT LOCATION INDICATED AS PER WDC MARKUP.

6. DUCTS TO CYCLE STORE TO BE REMOVED. ACCESS CONTROL AND CCTV TO BE STRIPPED OUT AND RETAINED FOR CLIENT USE.

7. ANY REDUNDANT INCOMING SERVICE ROUTES TO THE BUILDING TO BE MADE GOOD / SEALED.

8. CONFIRMATION OF REAR GATE INTERCOM REQUIREMENTS NEEDED.

9. THE EXTERNAL SERVICES POSITIONS NEED TO BE VERIFIED ON SITE BEFORE FOUNDATION INSTALLATION.

10. WDC SHALL CONFIRM LOCATION OF EXISTING BELOW GROUND SERVICES.

11. WDC SHALL CO-ORDINATE NEW BELOW GROUND SERVICES WITH BELOW GROUND ATTENUATION TANKS.


Company

ameon™ Building Services Engineering

Unit 9-10 Olympic Court, Boardmans Way, Whitehills Business Park, Blackpool, FY4 5GU

Tel: 01253 760160
Email: info@ameon.co.uk


Client

WILLMOTT DIXON

Job Title

**TMC City Centre - Phase 2**

Drawing Title

**External MEP Services Layout**

| Date | Drawn by | Check by |
|---|---|---|
| 11/30/23 | M.D. | D.N. |
| Scale @ A0 | Status | Revision |
| 1 : 100 | S4 | C01 |

Drawing Number

**CCPH2-AME-Z1-SL-DR-ME-5002**