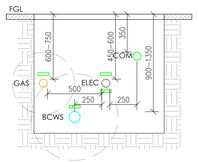
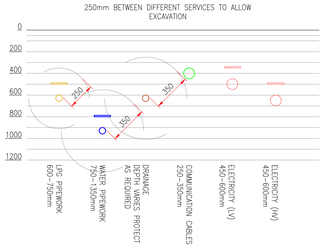
KEY:

- EELEC — EXISTING ELECTRICAL SERVICES
- EELEC — EXISTING ABANDONED & DISCONNECTED ELECTRICAL SERVICES
- EFD — EXISTING FOUL DRAIN SERVICES
- EPD — EXISTING PUMPED FOUL DRAIN SERVICES
- ESW — EXISTING SURFACE WATER SERVICES
- EGAS — EXISTING GAS SERVICES
- ELPG — EXISTING LPG SERVICES
- EMCWS — EXISTING MAINS COLD WATER SERVICES
- EBCWS — EXISTING BOOSTED COLD WATER SERVICES
- EBT — EXISTING BT SERVICES
- HV — NEW HV ELECTRICAL SERVICES
- ELEC — NEW ELECTRICAL SERVICES
- FD — NEW FOUL DRAIN SERVICES
- PD — NEW PUMPED FOUL DRAIN SERVICES
- SW — NEW SURFACE WATER SERVICES
- GAS — NEW GAS SERVICES
- LPG — NEW LPG SERVICES
- MCWS — NEW MAINS COLD WATER SERVICES
- BCWS — NEW BOOSTED COLD WATER SERVICES (LOWER PRESSURE SUPPLY)
- BCWS — NEW BOOSTED COLD WATER SERVICES (FULL PRESSURE SUPPLY)
- BT — NEW BT SERVICES
- DES — NEW DOOR ENTRY SYSTEM SERVICES
- LTHW — NEW LTHW FLOW SERVICES
- LTHW — NEW LTHW RETURN SERVICES
- CCTV — CCTV SERVICES
- SPARE DUCT
- SERVICES TO BE REMOVED
- DUCT — SERVICES DUCT

- SV — ISOLATION VALVE
- DISTRIBUTION BOARD
- MAN HOLE
- CCTV
- AP — WIFI ACCESS POINT
- 450 x 450 ROAD CROSSING PIT



STANDARD CAMC TRENCHING DETAIL



STANDARD SERVICES DEPTHS

NOTE: ROAD CROSSING DEPTHS VARY DEPENDANT ON ROAD MAKE UP AND PROTECTION REQUIREMENTS.

TABLE 1 – Recommended Colour Coding of Underground Utilities Apparatus
All depths are from the surface level to the crown of the apparatus

Utility	Duct	Pipe	Cable	Marker Systems	Recommended Minimum Depths Footway/Verge	Carriageway
Electricity 132kV (High Voltage)	Black or red duct or tile	N/A	Red or black	Yellow with black legend on concrete tile or concrete slab	450 – 1,000mm	750 – 1,200mm
Electricity LV (Low Voltage)	Black or red duct or tile	N/A	Black or red	Yellow with black legend	450mm	600mm
Gas	Yellow	*** See row below	N/A	Black legend on PE pipes every linear metre	750mm boreway 750mm verge	750mm.
		*** PE – up to 2 bar – yellow or yellow with brown stripes (removable skin revealing white or black core pipe). between 2 to 7 bar orange. **Steel pipes** may have yellow wrap or black tar coating or no coating. **Ductile iron** may have plastic wrapping **Asbestos & PVC Spun Cast Iron** – no distinguishable colour				
Water non Potable & Grey Water	N/A	Black with green stripes	N/A	N/A	600 – 750mm	600 – 750mm
Water – Fresh/Drinking (BS / Semi Aluminium	N/A	Black with red stripes or bands	N/A	N/A	600 – 750mm	600 – 750mm
Sewerage	Black	Black	N/A	Various surface markers Marker tape or tiles above the pipe	900mm *All work within 3 metres of oil fuel pipelines must receive prior approval*	900mm *All work within 3 metres of oil fuel pipelines must receive prior approval*
	Black	No distinguishing colour / material (eg: Ductile Iron may be red, PVC may be brown)	N/A	N/A	Variable	Variable
Communications	Grey, white, Black, Dark purple	N/A	Black or light grey	Various	250 – 350mm	450 – 600mm
Water	Blue or Grey	Blue polymer or blue or unsheated iron / GRP pipes (removable skin) with brown stripe (removable skin revealing white or black core)	N/A	Blue or Blue/black	750mm	750mm minimum
Water pipes for special purposes (e.g. sprinkler/sheated ground)	N/A	Blue polymer with brown stripes (non-removable skin)	N/A	Blue or blue/black	750mm	750mm minimum

These guidelines describe utility industry practice. However, it should not be assumed that all apparatus will conform to the recommendations for positioning and colour coding contained in this publication.

STANDARD STREETWORKS (NJUG) SERVICES DETAILS

general notes

CARBONCONSULTANTS
LOW
REGISTRATION No. – LCD244832

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This drawing is to be read in conjunction with all relevant specifications.

Do not scale from this drawing.

All dimensions are to be checked on site prior to work commencing or preparation of shop working drawings - any discrepancies should be notified immediately.

Unless otherwise stated all drawing revision & status conform to the RIBA plan of work 2020 as detailed in BSRIA BG 6.

REV No	REVISION DETAILS	AUTH
-	-	-

ISSUED FOR APPROVAL

Status A..... ☐
(Proceed - No further comments)

Status B..... ☐
(Proceed incorporating comments)

Status C..... ☐
(Rejected)

Signed.....

Date.....
If not returned within 10 working days, status 'A' will be assumed

CARAVAN CLUB REVIEW

SERVICES MANAGER
Signed.....
Date.....

DEVELOPMENT MANAGER
Signed.....
Date.....

1:50 1:100 1:200 1:500 1:1000 1:1250 1:2500 1:5000
TO SCALE @ A0

revision

S4.1	STAGE 4 ISSUE	DB	13.05.24	DP
S4	STAGE 2 ISSUE	DB	30.08.23	DP
N°	Revision	By	Date	Ckd

contact

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drawing status

STAGE 2 CONCEPT DESIGN	STAGE 3 DEVELOPED DESIGN	STAGE 4 TECHNICAL DESIGN		STAGE 5 CONSTRUCTION
		4i	4ii	4iii
		✓		

client

CARAVAN AND MOTORHOME CLUB

EEL project number: 23074

project title

LADY MARGARETS PARK
CAMC

drawing

drawing title
SITEWIDE EXTERNAL SERVICES
SHEET 2 OF 2

scale (A0)	date	drawn	checked
1:200	AUG 2023	D.B.	D.P.

reference

drawing no.	revision
LMP-EEL-SITE-XX-DR-MEP-2001	S4.1