



quello

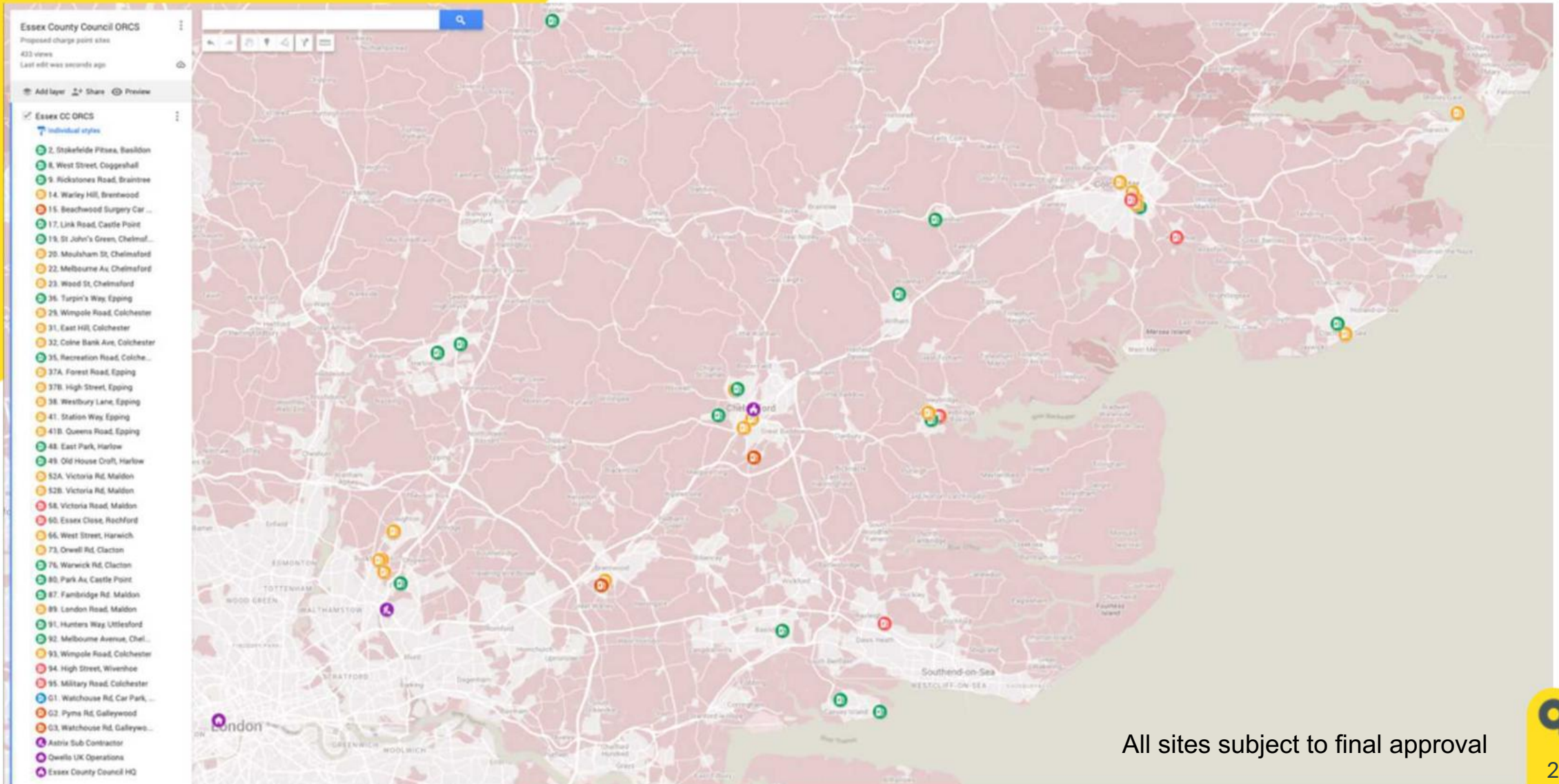
...MORE THAN A POLE

Essex County Council

Project Plan

05/02/24





Essex County Council ORCS



Site ID EC0002

Details	Description
Location	48 Stokefelde Basildon, SS13 1NH
Feeder pillar/PoC	51.57527, 0.50358 (was 51.5755, 0.50363 (///shares.into.mouth))
Models (future ready)	CP05 x 2
TRO	N/A



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Over 43M - WIP
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0008 - Construction order 1

Details	Description
Location	43 West Street, Coggeshall CO6 1NS (no change)
Feeder pillar/PoC	51.8703976895433, 0.6810848708526813
Models (future ready)	CP05 x 2
TRO	No change required



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0009 - Construction order 2

Details	Description
Location	136 Rickstones Road, Braintree, CM8 2PH (was CM8 2PL)
Feeder pillar/PoC	51.81703999835083, 0.6394142803906016
Model (future ready)	CP05 x 2
TRO	No change required



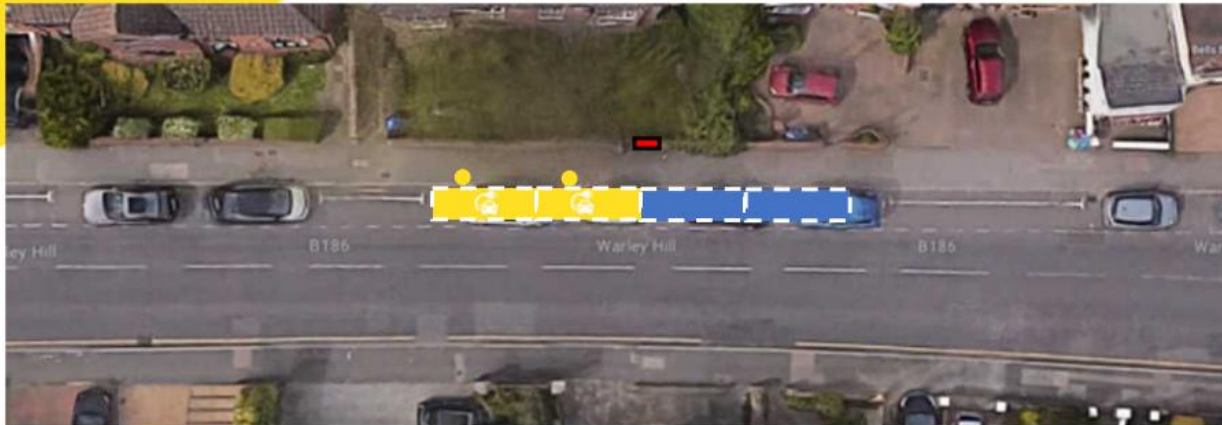
-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0014

Details	Description
Location	53 Warley Hill, Brentwood. Outside Devonshire House CM14 5HP (was CM14 5EQ)
Feeder pillar/PoC	51.61168074170686, 0.2987158253336096
Model (future ready)	CP07 x 2 (2)
TRO (Keep for now)	Mon-Sat 9am-6pm. 2 hours. No return within 4 hours



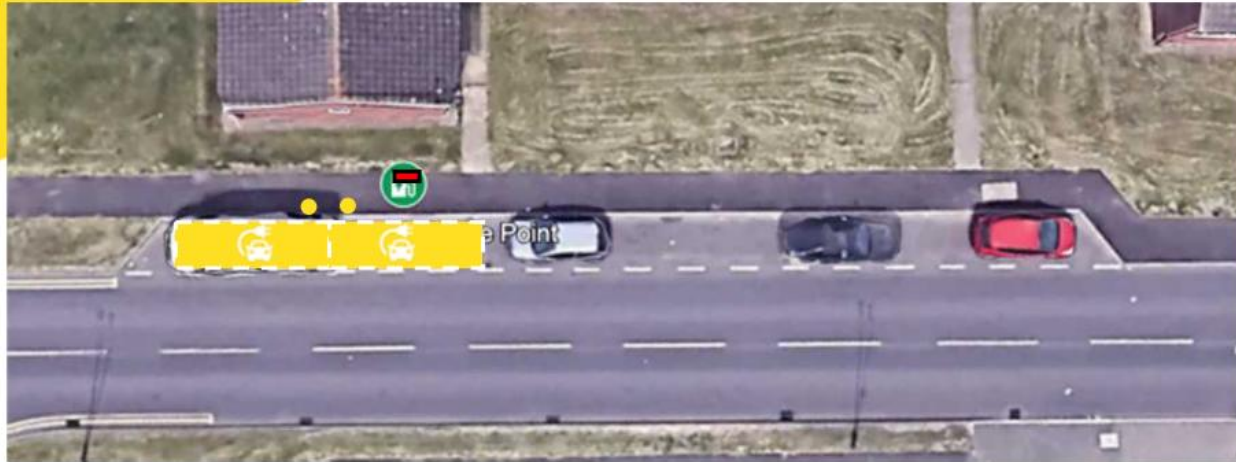
-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0017

Details	Description
Location	193-195 Link Road, Canvey Island, Castle Point SS8 9SP
Feeder pillar/PoC	51.52588, 0.57108
Model (future ready)	2 - 3 CP05
TRO	N/A



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote Received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0019 - Construction order 3

Details	Description
Location	4 St John's Green, Chelmsford CM1 3DZ (no change)
Feeder pillar/PoC	51.7303100, 0.4300870
Model (future ready)	CP05 x 2
TRO	No change required



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote Received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0020 - Construction order 4

Details	Description
Location	St. Johns Church, Moulsham St, Chelmsford CM2 0JD (was CM2 0JA)
Feeder pillar/PoC	51.727674367169364, 0.4689386694064714
Model (future ready)	CP07 x 2 (2)
TRO (keep for now)	Mon-Sat 8am-6pm 1 hour. No return within 3 hours



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote Received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0023

Details	Description
Location	91 Grace Bartlett Gardens, Chelmsford, CM2 9FW (was CM2 9FA)
Feeder pillar/PoC	51.7213671969602, 0.4590271923221008
Model (future ready)	CP05 x 2
TRO (keep for now)	Permit holders only. Mon-Fri 11am-Noon



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote Received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0029

Details	Description
Location	Glyn Hopkin Renault, Wimpole Road, Colchester CO1 2BZ
Feeder pillar/PoC	51.885012, 0.913675
Model (future ready)	2 - 4 x CP05
TRO	NEPP to approve TRO Mon-Sat 8AM-6PM 2 hours, no return 4 hours



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0031

Details	Description
Location	11 East Hill, COLCHESTER, CO1 2QX
Feeder pillar/PoC	51.88991, 0.90934
Model (future ready)	2 x CP05
TRO	30 mins so start bays at bottom. Needs change traffic order for 4



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0032 - Construction order 10 (TBC)

Details	Description
Location	16 Colne Bank Ave, Colchester, CO1 1SJ
Feeder pillar/PoC	51.8972, 0.89452
Model (future ready)	2 x CP05
TRO	Residences only, NEPP to change



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Requested
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0035 - Construction order 11

Details	Description
Location	Opposite 2 Recreation Rd, Colchester, CO1 2HE
Feeder pillar/PoC	51.87929, 0.91744
Model (future ready)	2 - 3 x CP05
TRO	N/A



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote Received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0036

Details	Description
Location	Opposite 45 Turpin's Way, Woodsford Green, Epping, IG8 8AZ
Feeder pillar/PoC	51.609617028628875, 0.06280391081705729
Model and number (future ready)	CP05 x 2
TRO	No change required



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote Received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0037A

Details	Description
Location	3A Forest Road, Loughton, Epping, IG10 1DR
Feeder pillar/PoC	51.646726144199626, 0.05382642753345862
Model (future ready)	CP05 x 3
TRO (no change for now)	Mon-Sat 9:30am – 6:30pm, 1 hour. No return within 1 hour.



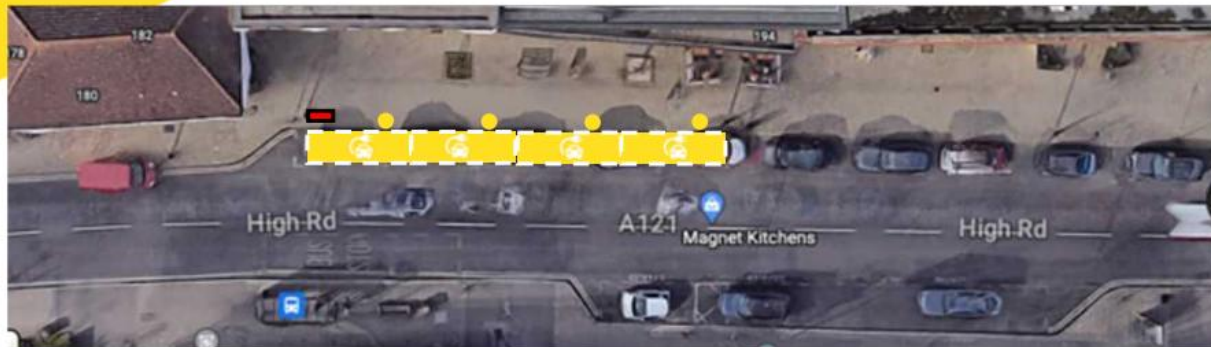
-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote Received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0037B

Details	Description
Location	186 High Street, Loughton, Epping. IG10 1DW (was IG10 1DR)
Feeder pillar/PoC	51.647040915250514, 0.05453819479558642
Model and number (future ready)	CP05 x 4
TRO (no change for now)	Mon-Sat 9:30am – 5pm pay a machine. Display ticket. Max stay 2 hours.



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Requested
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0038

Details	Description
Location	Opposite 36 Westbury Lane, Buckhurst Hill, Epping, IG9 5PL
Feeder pillar/PoC	51.62668215599387, 0.04020535339770734
Model (future ready)	CP05 x 2
TRO	Permit holders only. Needs TRO change



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0041A

Details	Description
Location	54 Station Way, Buckhurst Hill, Epping, IG9 6LL (outside Pharmacy) (was IG9 6LN)
Feeder pillar/PoC	51.61739400909967, 0.04336669867391676
Model (future ready)	CP05 x 2
TRO	To be checked



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0041B

Details	Description
Location	170 Queens Road, Buckhurst Hill, Epping, IG9 5BD (was IG9 6LN) (outside Nursery)
Feeder pillar/PoC	51.62596608045487, 0.03680847180615764
Model (future ready)	CP05 x 2 (additional spaces outside 67 Queens Rd)
TRO (keep for now)	Resident permit holders only. Mon-Sat 10am-5:30pm. Max 2 hrs, no return 2 hours. Pay at machine.



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote Received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0048 - Construction order 7

Details	Description
Location	115 East Park, Harlow, CM17 OSB (was CM17 OSG)
Feeder pillar/PoC	51.78162443460411, 0.1320192123920037
Model (future ready)	CP05 x 2 (installed 2 bays apart)
TRO	No change required



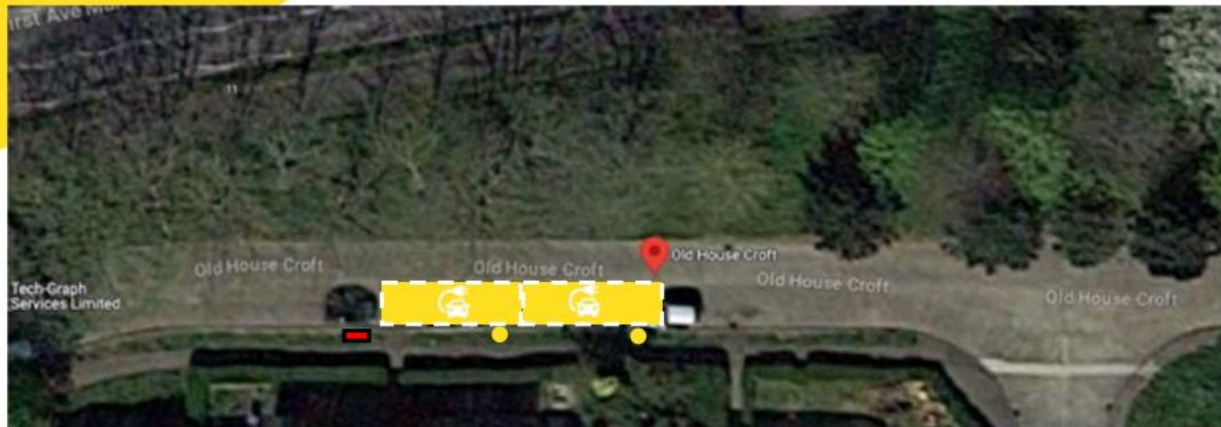
-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote Received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0049 - Construction order 8

Details	Description
Location	9 Old House Croft, Harlow CM20 3QG (was CM19 4DU)
Feeder pillar/PoC	51.77501, 0.10496
Model (future ready)	CP05 x 2 (installed 2 bays apart outside number 9)
TRO	No change required



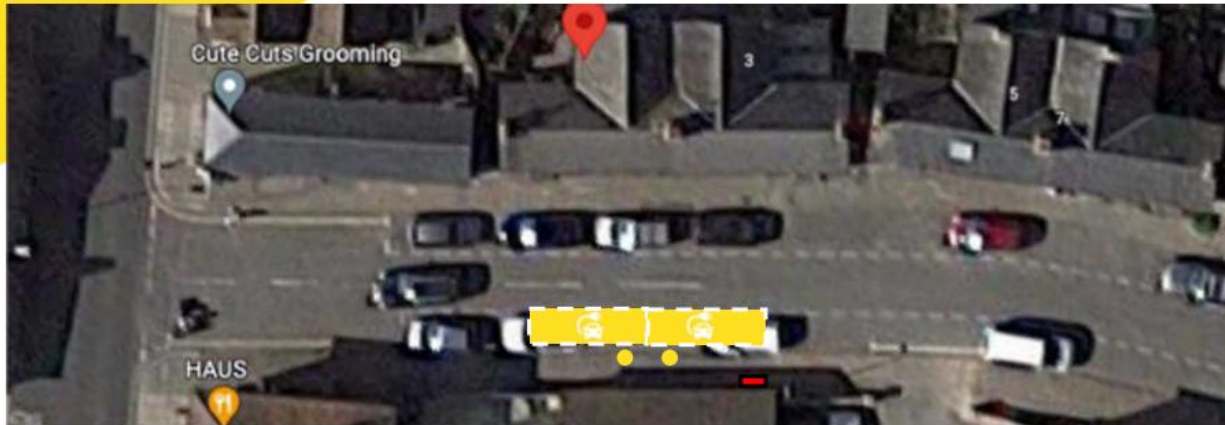
-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote Received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0052A

Details	Description
Location	Opposite 1 Victoria Rd, Maldon. CM9 5HE (was CM9 5EN)
Feeder pillar/PoC	51.72975867472535 0.6848217180955795
Model (future ready)	CP05 x 2
TRO	Permit holders only. TRO change required



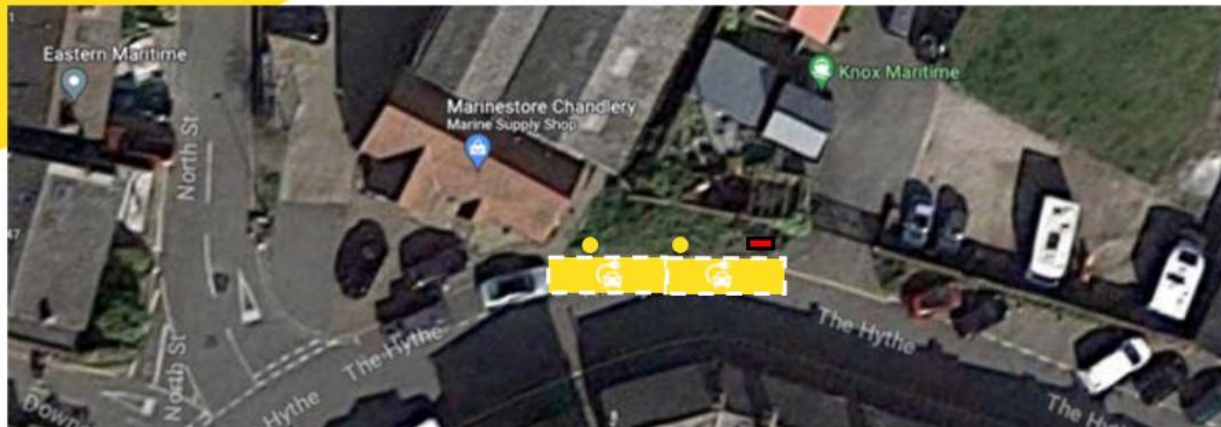
-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0052B

Details	Description
Location	Opposite 4 The Hythe, Maldon CM9 5HN (was CM9 5EN)
Feeder pillar/PoC	51.729847502913955, 0.6874591957717896
Model (future ready)	CP05 x 2
TRO	Permit holders only. TRO change required



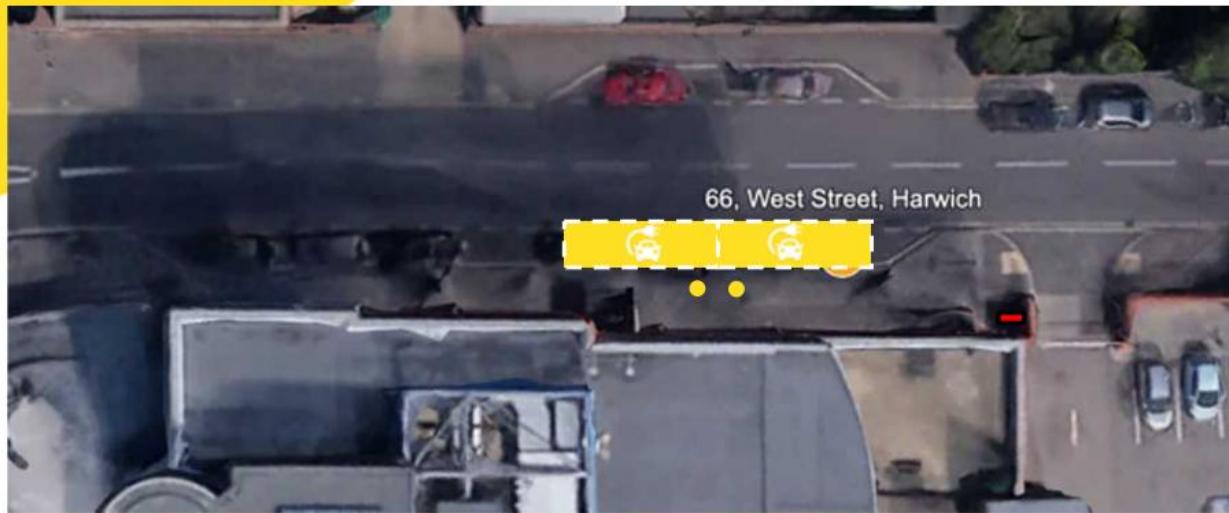
-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0066

Details	Description
Location	Trinity House, The Quay, Harwich, CO12 3JW
Feeder pillar/PoC	51.94682, 1.28543
Model (future ready)	2 - 4 CP05
TRO	Mon-Sat 8AM-6PM 2 hours. No return within 2 hrs



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote Received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0073

Details	Description
Location	3-9 Orwell Rd, Clacton-on-Sea, CO15 1PR
Feeder pillar/PoC	51.78847, 1.15538
Model (future ready)	2 - 4 x CP05
TRO	Mon-Sat 9am-6pm. 2 hours. No return 4 hours



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote Received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0076

Details	Description
Location	Opposite side of the road to 90 Warwick Rd, Clacton-on-Sea, CO15 3BZ.
Feeder pillar/PoC	51.7957, 1.14687
Model (future ready)	2 x CP05
TRO	



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Quote Received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0080

Details	Description
Location	Opposite 3 Park Ave, Castle Point, Canvey Island, SS8 7PY.
Feeder pillar/PoC	51.51726, 0.61634
Model (future ready)	2 - 4 x CP05
TRO	NJ/A



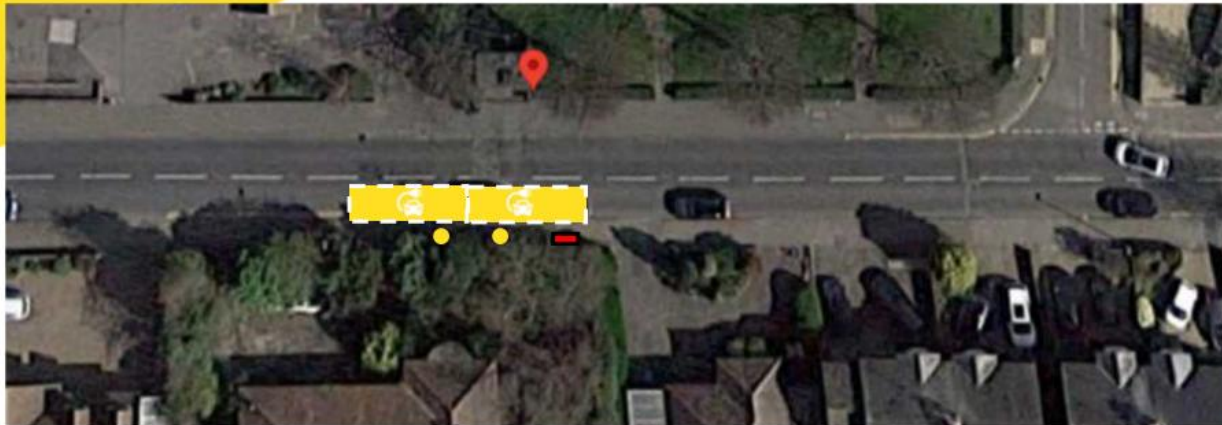
-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Requested
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0087

Details	Description
Location	84 Fambridge Rd. Maldon, CM9 6AF (no change)
Feeder pillar/PoC	51.72712502030027, 0.6760972358174484
Model (future ready)	CP05 x 2 (back-to-back)
TRO	No change required



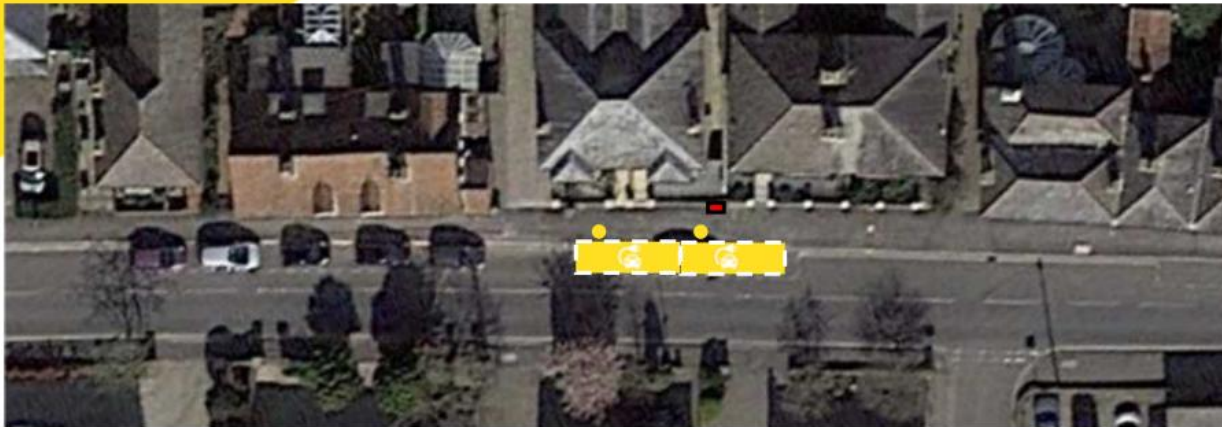
-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Requested
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0089

Details	Description
Location	20 London Road, Maldon, CM9 6HD
Feeder pillar/PoC	51.731869, 0.673040
Model (future ready)	CP07 x 2 (and not in front of resident windows)
TRO	Permit holders only. TRO change required



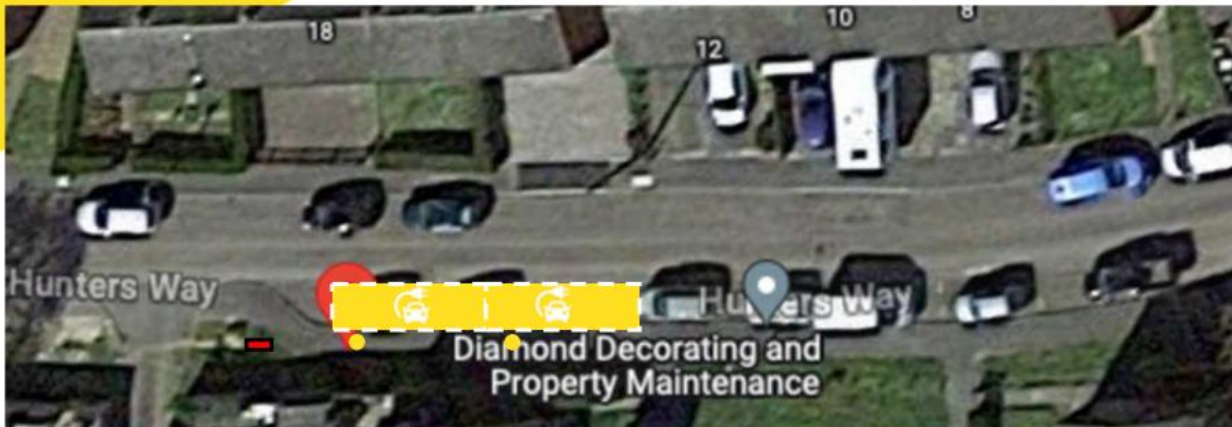
-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0091 - Construction order 9

Details	Description
Location	Opposite 18 Hunters Way, Saffron Walden, Uttlesford CB11 4DE (no change)
Feeder pillar/PoC	52.01246369211736, 0.23775311160331883
Model (future ready)	CP05 x 2
TRO	No change required



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Requested
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID – EC0092 (new) - Construction order 6

Details	Description
Location	47 Melbourne Avenue, Chelmsford, CM1 2DP Opposite a doctor's surgery
Feeder pillar/PoC	51.74897827751459, 0.45182409214911134
Model (future ready)	CP05 x 2
TRO	No change required



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location





Site status	Comments
Design approved	
DNO quoted/ordered	Requested
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



Site ID EC0093

Details	Description
Location	Outside 51 Wimpole Road, Colchester. CO1 2DL
Feeder pillar/PoC	51.88136, 0.91383
Model (future ready)	2 x CP05
TRO	Mon-Sat 8am-6pm 2 hours no return 4 hrs



-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location

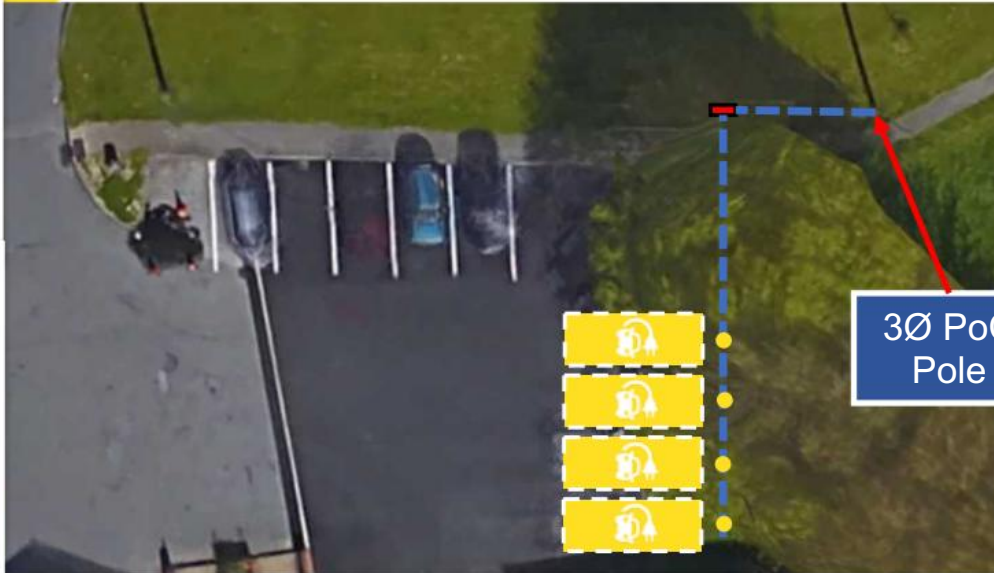
Site status	Comments
Design approved	
DNO quoted/ordered	Quote Received
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	







Site ID – G0001 (Galleywood Parish Council)

Details	Description
Location	Galleywood Library Car Park, Watchhouse Rd, CM2 8PU
Feeder pillar/PoC	51.700794112598714, 0.47115387672747205
Model (future ready)	CP05 x 2 (+ 2 future ready)
TRO	TBC

Site status	Comments
Design approval by GPC	TBC
DNO quoted/ordered	
Pole order status	
TRO changes	
Meter order	
Civils	
Electrical	
Permits, permissions & RAMs	
Install status/target date	
Commissioned	
Live	



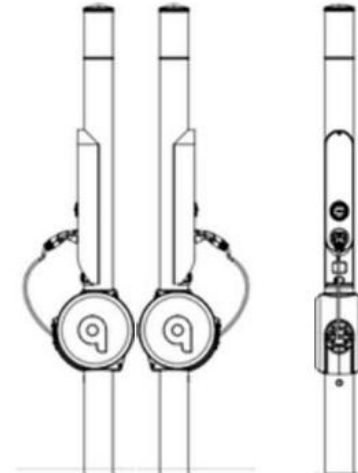
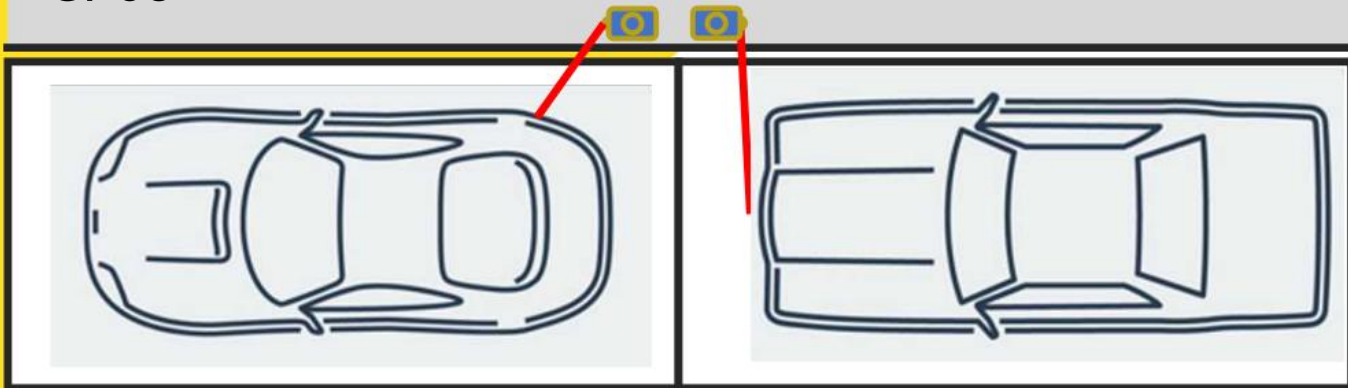
3Ø PoC Pole

-  Charging bay – future ready
-  Charging bay
-  Feeder pillar location
-  Charge point(s) location

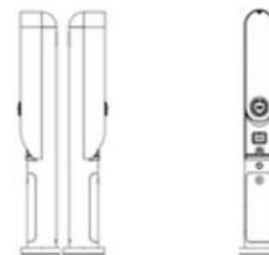
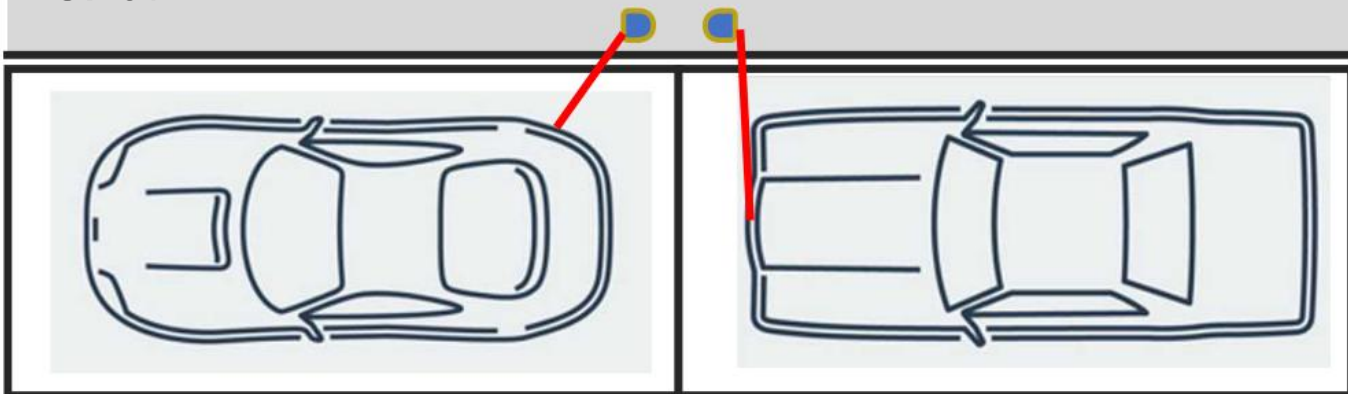


Site design - parallel

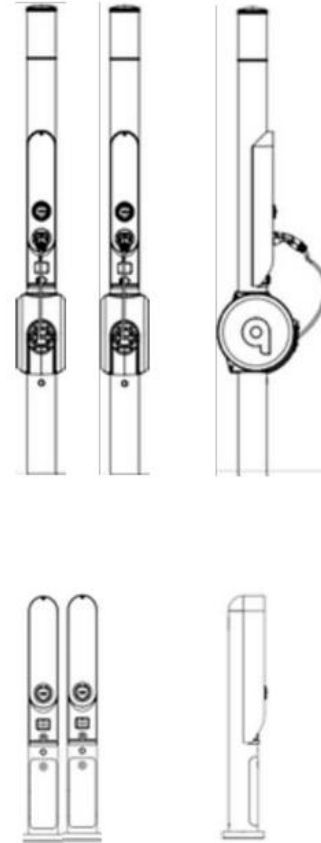
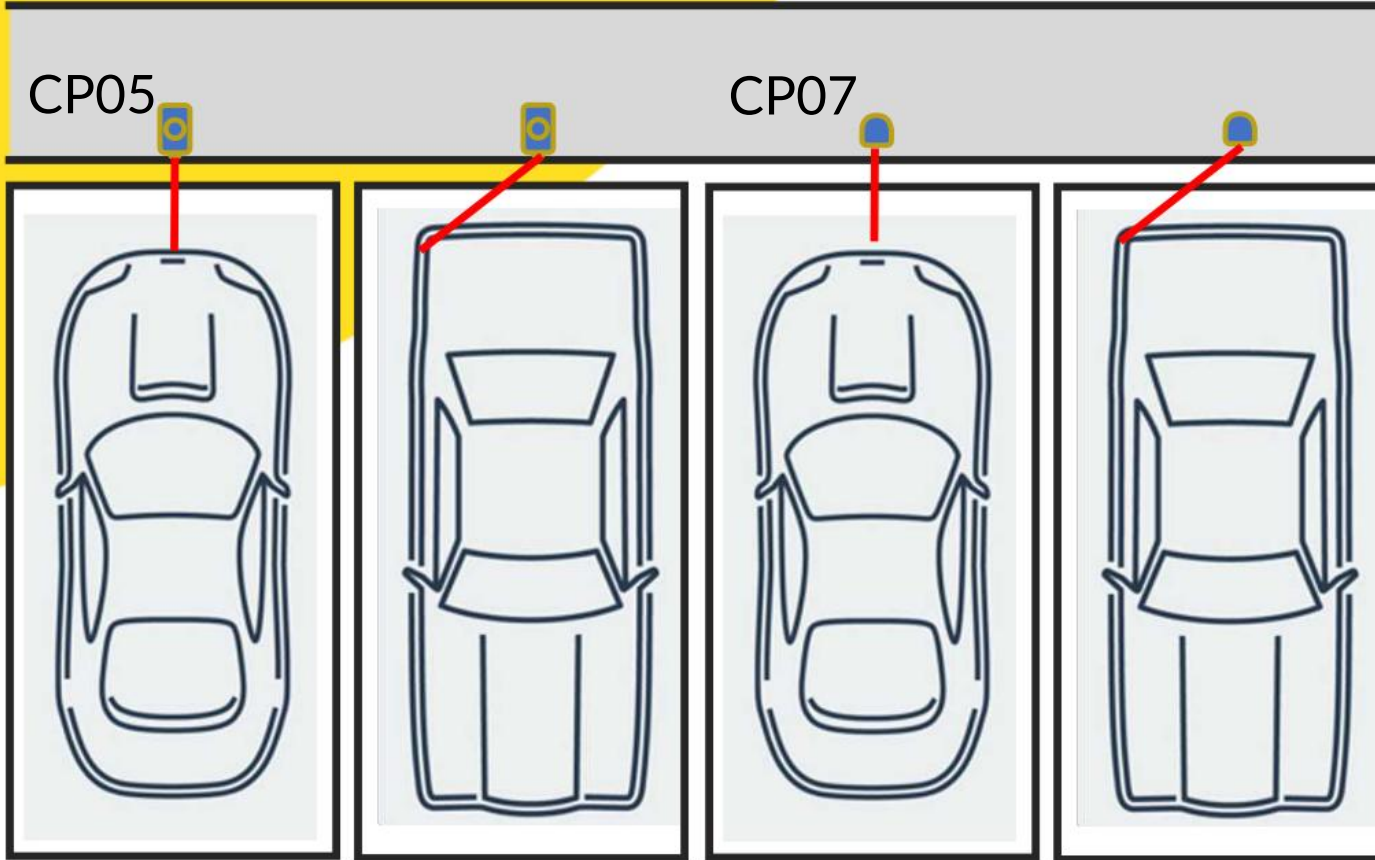
CP05



CP07



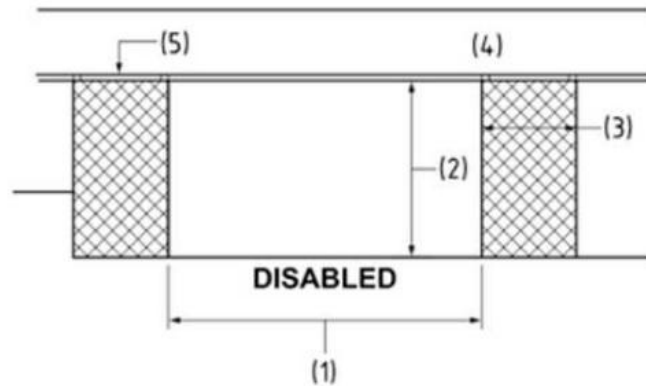
Site design end of bay



BSI PAS 1899 accessibility standard

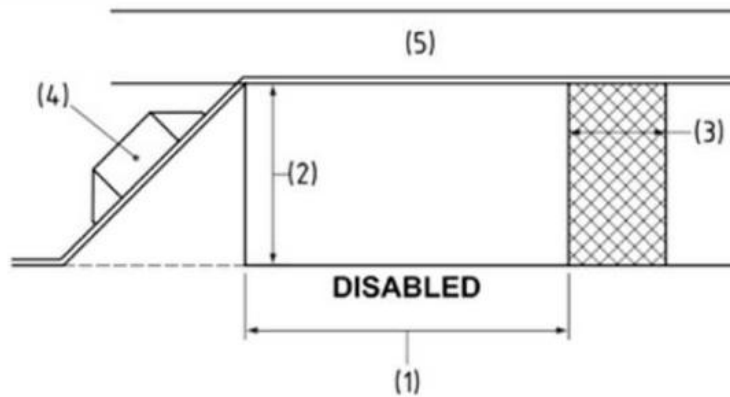
Site design

Figure C.1 – Additional space allowance surrounding on-street kerbside designated accessible parking spaces with public chargepoints



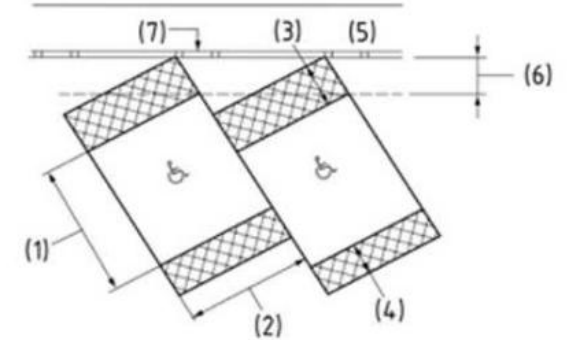
- (1) Standard 4 800 mm long – designated accessible parking space
- (2) 3 600 mm wide (minimum) or 4 000 mm wide (preferred) – designated accessible parking space, allowing safety zone on kerb or street side
- (3) Marked access zone between parking spaces (1 200 mm minimum, 1 600 mm preferred)
- (4) Access route, in accordance with BS 8300-1:2018
- (5) Dropped kerb or level access

Figure C.2 – Additional space allowance surrounding on-street kerbside designated accessible parking bays with public chargepoints with angled footway access area



- (1) 6 600 mm long – designated accessible parking space
- (2) 3 600 mm wide (minimum) or 4 000 mm wide (preferred) – designated accessible parking space
- (3) Marked access zone between parking spaces (1 200 mm minimum, 1 600 mm preferred)
- (4) Dropped kerb or level access
- (5) Access route, in accordance with BS 8300-1:2018

Figure C.3 – Additional space allowance surrounding designated accessible parking bays with public chargepoints – angled parking bays (off- and on-street)



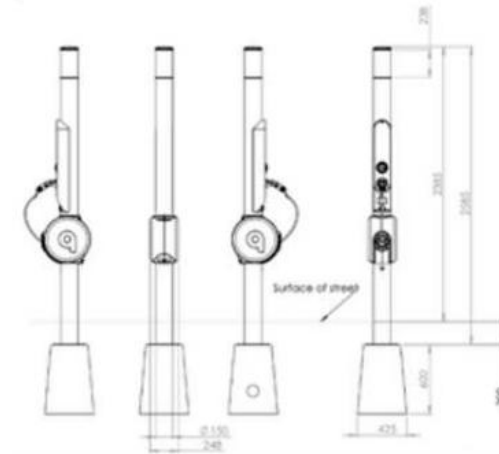
- (1) Standard 4 800 mm long – designated accessible parking space
- (2) 3 600 mm wide (minimum) or 4 000 mm wide (preferred) – designated accessible parking space
- (3) Marked access zone at front of parking space (1 200 mm minimum, 1 600 mm preferred)
- (4) 1 200 mm wide marked safety zone for foot access and cars with rear hoists outside the traffic zone
- (5) Preferred access route avoiding traffic zone
- (6) Straight line access width (min 1 200 mm)
- (7) Dropped kerb or level access

NOTE For off-street parking bays, the accessibility symbol is used within the parking bay. For on-street parking bays, the "DISABLED" legend is used adjacent to the parking bay.

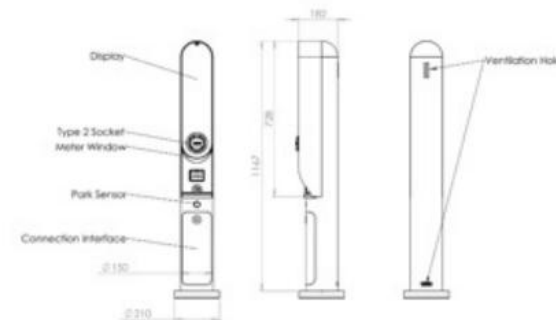
Qwello model range

Technical specifications

Product name	CP07	CP05
Compliance	IEC 61851-1 IEC 61439-7 Class A EN 50470-1, -7	IEC 61851-1 IEC 61439-7 Class A EN 50470-1, -7
Description	Type 2 socket	Type 2 socket and plug & cable
Weight	TBC	40 kg (plus 3kg accessory bag, 11,5kg bottom metal pipe, 180kg foundation)
Dimensions (H x W x D mm)	1167 x 182 x 150. Footprint 150	2385 x 248 x 392. Footprint 150
Operating temperature	-20°C to +50°C	-20°C to +50°C
Relative humidity	<95% (non condensing)	< 95% (non condensing)
Cooling mechanism	Active air cooling (fans)	Active air cooling (fans)
Charging mode	Mode 3, acc. to IEC 61851-1	Mode 3, acc. to IEC 61851-1
Ingress resistance (IP grade)	IP54	IP54
Impact resistance (IK grade)	IK10 (Display IK08)	IK10 (Display IK08)
Electrical protection class	1 (E1, M2)	1 (E1, M2)
Power supply	AC, 50Hz, 400VAC, 3P32A N PE	AC, 50Hz, 400VAC, 3P32A N PE
Max power output Type 2 socket	22kW (32A)	22 kW (32A)
Max power output Type2 cable/plug		11 kW (16A)
Dimensions (H x W x D mm)	1167 x 182 x 150 Footprint 150	2385 x 248 x 392 Footprint 150



CP05



CP07



Feeder Pillar
1,250 x 1,125, 430mm



quello



Thank you!

Qwello UK Ltd
London
++44 20 30 84 75 88