



40,000 sq.ft

Refuse Storage

Cycle Parking

Suffolk Guidance for Parking 2019

13 Restaurants and cafes	15% of all parking spaces to be fitted with a charging system, with an additional 15% of parking spaces with the infrastructure in place for future connectivity.	2. Allow to 100kw subject to individual assessment/justification
14 Drinking establishments	15% of all parking spaces to be fitted with a charging system, with an additional 15% of parking spaces with the infrastructure in place for future connectivity.	2. Allow to 100kw subject to individual assessment/justification
15 Hot food takeaways	15% of all parking spaces to be fitted with a charging system, with an additional 15% of parking spaces with the infrastructure in place for future connectivity.	2. Allow to 100kw subject to individual assessment/justification
16 Business	20% of all parking spaces to be fitted with a charging system, with an additional 20% of parking spaces with the infrastructure in place for future connectivity.	2. Allow to 100kw
17 General Industrial	20% of all parking spaces to be fitted with a charging system, with an additional 20% of parking spaces with the infrastructure in place for future connectivity.	2. Allow to 100kw
18 Storage & Distribution	20% of all parking spaces to be fitted with a charging system, with an additional 20% of parking spaces with the infrastructure in place for future connectivity.	2. Allow to 100kw
19 Non-residential Institutions	15% of all parking spaces to be fitted with a charging system, with an additional 15% of parking spaces with the infrastructure in place for future connectivity.	2. Allow to 100kw
20 Assembly and leisure (Theatre, Art Galleries and other leisure uses)	15% of all parking spaces to be fitted with a charging system, with an additional 15% of parking spaces with the infrastructure in place for future connectivity.	2. Allow to 100kw
Including all other uses not mentioned above	Individual assessment / justification	Minimum Charge Specification

This section deals with requirement 54 from Part 5 of Schedule 1 and regulation 44G of the Building Regulations 2010.

Requirement

54. Where a new building which is not a residential building or a mixed-use building has more than 10 parking spaces—

- one of those parking spaces must have access to one electric vehicle charge point; and
- cable routes for electric vehicle charge points must be installed in a minimum of one fifth of the total number of remaining parking spaces.

Regulation

Application of paragraph 54 of Schedule 1 (erection of new buildings which are not residential buildings or mixed-use buildings)

44G. (1) The requirements of paragraph 54 of Schedule 1 apply to the erection of a new building which is not a residential building or a mixed-use building (‘this building’) as follows:

- if there are or will be any parking spaces situated in a position other than in a covered car park—
 - the requirements of paragraph 54 of Schedule 1 must first be applied in relation to those parking spaces; then
 - if the number of parking spaces which are situated in a position other than in a covered car park is insufficient to completely fulfil the requirements of paragraph 54 of Schedule 1, cable routes for electric vehicle charge points must be installed in a sufficient number of parking spaces in the covered car park in order to ensure compliance with the requirements of paragraph 54(c) of Schedule 1;
- if all the parking spaces are situated in a covered car park, cable routes for electric vehicle charge points must be installed in a minimum of one fifth of the total number of those parking spaces.

NOTE: Where the building control body is an approved inspector, see regulation 8 of the Building (Approved Inspectors etc.) Regulations 2010 (as amended).

Array Charging (H) - Solo 3

Table 1. Maximum supplies available for Array System

Max Supply	Single-Phase System	Three-Phase System
40A	3	9 (3x3)
60A	5	15 (3x5)
80A	7	21 (3x7)
100A (default)	9	27 (3x9)

Fig 3. Horizontal installation of Three-Phase system

Fig 4. Vertical installation of Three-Phase system

Table 2. Dimensions of Array System Installation

System	Height	Width	Depth
Three-Phase Horizontal (Fig 3)	1200	1500	159
Three-Phase Vertical (Fig 4)	1900	800	159

*Single-phase system comprises of one DB box

Array Charging (H) - Solo 3

EVC LEGEND

- ACTIVE EVC POINT (PART S COMPLIANCE)
- PASSIVE EVC POINT (PART S COMPLIANCE)
- ACTIVE EVC POINT (SUFFOLK GUIDE COMPLIANCE)
- PASSIVE EVC POINT (SUFFOLK GUIDE COMPLIANCE)
- DB DISTRIBUTION BOARD LOCATION

PASSIVE EVC POINT (WIRING ONLY, NO EVC OUTLET INSTALLED) FOR PART S COMPLIANCE

ACTIVE EVC POINT (WIRING AND EVC OUTLET INSTALLED) FOR PART S COMPLIANCE

DISTRIBUTION BOARD FOR EVC POINT CONNECTION (SUFFICIENT CAPACITY TO BE PROVIDED FOR ACTIVE AND PASSIVE CONNECTIONS)

ADDITIONAL EVC WIRING ROUTE REQUIRED FOR SUFFOLK PARKING GUIDANCE 2019 COMPLIANCE

PASSIVE EVC POINT (WIRING ONLY, NO EVC OUTLET INSTALLED) FOR SUFFOLK PARKING GUIDE 2019 COMPLIANCE

ACTIVE EVC POINT (WIRING AND EVC OUTLET INSTALLED) FOR SUFFOLK PARKING GUIDE 2019 COMPLIANCE



Unit	Type	Area sq.ft	Required Parking	Provided Parking
1	Ground Floor Warehouse	37,000 sq.ft	24	
	Mezzanine Office	3,000 sq.ft	10	
Total		40,000 sq.ft	34	56

5722

Proposed Site Plan

1:250

February 2022

JW

Proposed Commercial/Development
Heath Road, Granny Park,
Woolpit, IP30 9RH

Jewers Grain

FEASIBILITY

WINCEP