

Rapid Charging East Devon (StreetHUBZ) On-street Electric Vehicle Charging Bays

Report of the Chief Officer for Highways, Infrastructure Development and Waste

Please note that the following recommendations are subject to consideration and determination by the Committee before taking effect.

Recommendation: It is recommended that:

- (a) work on the Electric Vehicle Charging Scheme is noted; and**
- (b) the recommendations contained in Appendix II to this report are agreed.**

1. Summary

This report is to consider the submissions to the statutory consultation on the proposed electric vehicle charging bays within Exmouth and Cranbrook.

2. Background

In 2019 a successful funding bid to Innovate UK, a government pot investing in science and research, enabled Devon County Council and a consortium of private sector partners to install and operate a number of on-street electric vehicle charge points. Together with Devon County Council the Rapid Charging Exeter consortium consists of Wenna (a leading mobile energy operator), Co Cars, ZPN Energy (a British provider specialising in Energy Technology), Gamma Solutions (specialising in the development, construction and operation of green energy assets) and Regen (a not-for-profit centre of energy expertise and market insight).

Implemented over a number of phases the project will install state-of-the-art electric vehicle chargers in local neighbourhoods. Thus, bringing rapid, reliable charging to residents especially those who don't have off-street parking.

This phase of the project is for six rapid electric vehicle (EV) charging hubs in Exmouth and Cranbrook over three sites, each with four dedicated public EV bays. Each hub will have two chargers and two batteries capable of charging four vehicles simultaneously.

Although the initial roll out is for six hubs, there are plans to bring more to neighbourhoods who are not being given one in this phase. As electric vehicle ownership increases, having a local rapid charge point will become a key feature for neighbourhoods.

The Rapid Charging Exeter project forms part of the Devon Climate Emergency Response Group (DCERG) partnership to help reduce carbon emissions in Devon.

Officers have consulted the relevant local County Councillors and Chair/Vice Chair before they were advertised from 19 May until 24 June 2021.

A summary of the proposals advertised can be found in Appendix I and the associated plans have been attached as supplementary information to this report.

3. Consultations/Representations

A letter drop to all residents surrounding each hub provided information about the project, a link to the information website www.rapidchargingexeter.co.uk and a link to the traffic regulation order consultation page.

Details of the objections received to these proposals, and the County Council's response and recommendation are shown in Appendix II to this report.

4. Financial Considerations

The project is funded by the successful bid to Innovate UK, a government fund investing in science and research. The County Council is a partner in the project and not the accountable body.

5. Legal Considerations

The lawful implications and consequences of the proposal have been considered and taken into account in the preparation of this report.

When making a Traffic Regulation Order it is the County Council's responsibility to ensure that all relevant legislation is complied with. This includes Section 122 of the Road Traffic Regulation Act 1984 that states that it is the duty of a local authority, so far as practicable, secures the expeditious, convenient and safe movement of traffic and provision of parking facilities. It is considered that the proposals comply with Section 122 of the Act as they practically secure the safe and expeditious movement of traffic.

6. Environmental Impact Considerations (Including Climate Change)

Electric vehicles reduce emissions providing cleaner air for all. This project provides on-street charging points to all residents especially those who don't have off-street parking. This infrastructure will enable more residents to switch from petrol or diesel cars to electric vehicles.

All the electricity used will be 100% renewable energy.

The Environmental effects of the scheme are therefore positive.

7. Equality Considerations

There are not considered to be any equality issues associated with the proposals. The impact will therefore be neutral.

8. Risk Management Considerations

Careful consideration has been given to placing the rapid charging devices to minimise any obstruction to pedestrians.

Residents of the areas where the charging points are located will receive discounted charging rates.

The parking bays will be for electric vehicles only 24 hours with no maximum stay. The vehicle must be connected to the charging device whilst in the parking bay. To ensure the charging points remain available to as many people as possible, people will be required to move their vehicles once charging is complete, unless staying overnight (9pm to 7am).

From 9pm – 7am an electric vehicle can stay in the parking bay (overnight) at no cost. From 7am to 9pm cars will receive an overstay fee if they are in the bay and not charging. A Penalty Charge Notice (PCN) can be issued by our parking enforcement officers to any car in the bay which is not connected to the charger.

9. Public Health Impact

The proposal will provide rapid charging bays for those who have access to electric vehicles. This will provide a clean safe alternative to the conventional engine, reducing the negative environmental impact and improving air quality.

The public health impact effects of the scheme are therefore positive.

10. Reasons for Recommendations

The provision of the chargers will encourage many more people to make their next vehicle purchase an electric one, reducing the impact of air pollution on residents even further. The on-street provision is particularly important to those residents who don't have off-street parking.

The chargers have been placed to ensure maximum visibility and accessibility. Having them in easily visible and accessible places is an important factor in encouraging people to use them. The locations have been selected to ensure they are only a short walk from residential areas, ensuring they are easily available for people. This is particularly important at night.

Other schemes are placing charging points in many car parks across Devon.

The proposals contribute to the safe and expeditious movement of traffic in East Devon and therefore comply with Section 122 of the Road Traffic Regulation Act 1984.

Meg Booth
Chief Officer for Highways, Infrastructure Development and Waste

Electoral Division: Broadclyst & Exmouth

Local Government Act 1972: List of Background Papers

Contact for enquiries: James Bench

Room No: M8, Great Moor House, Bittern Road, Exeter

Tel No: 0345 155 1004

Background Paper	Date	File Ref.
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Nil

pg060721edh
sc/cr/Rapid Charging East Devon (StreetHUBZ) On-street Electric Vehicle Charging
Bays
02 140721

Details of Proposals Advertised
Devon County Council (Various Roads, East Devon)
(Electric Vehicle Recharging Point Parking & Car Club Vehicle Parking)
Amendment Order
Ref 5886

Statement of Reasons

It is proposed to provide on-street charging points for electric vehicles at any time. The bays will be for 24 hours with no maximum stay and the vehicle must be connected to the charging device. The proposal will provide recharging bays for those who have access to electric vehicles by providing a clean safe alternative to the conventional engine, reducing the negative environmental impact and improving air quality.

The restrictions are proposed to preserve/improve the amenities of the area through which the roads run.

Councillor (pre-election on 06/05/21)	Councillor following election	Plan Reference	Location
Ray Bloxham & Sara Randall- Johnson	Henry Gent & Sara Randall-Johnson	ENVID5886-01(A)	Younghayes Road, Cranbrook
Richard Scott & Jeff Trail	Richard Scott & Jeff Trail	ENVID5886-02(A)	St. Andrews Road, Exmouth
Richard Scott & Jeff Trail	Richard Scott & Jeff Trail	ENVID5886-03(A)	Halsdon Road, Exmouth

Summary of Submissions
Devon County Council (Various Roads, East Devon)
(Electric Vehicle Recharging Point Parking & Car Club Vehicle Parking)
Amendment Order
Ref 5886

Comment	Devon County Council Response
Plan ENV5886/001 Younghayes Road, Cranbrook 4 respondents – Residents of Morgan Sweet, Burrough Fields & Northwood Acres	
<p>Support 4 respondents support the proposal on the grounds that:</p> <ul style="list-style-type: none"> • 2 respondents commented that they support the reintroduction of a co-cars parking space. • 2 respondents commented that they would prefer to use electric cars if they can. • 1 respondent commented that they welcome the electric charging bays and will make use of them. <p>Comment:</p> <ul style="list-style-type: none"> • 1 respondent commented that they hope more EV charging bays will be installed in Cranbrook. 	<p>This traffic regulation order proposes to remove the co-cars bay from Younghayes Road, not introduce one.</p> <p>Support & comments noted.</p>
Recommendation: Implement proposal as advertised.	

Comment	Devon County Council Response
Plan ENV5886/002 St Andrew's Road, Exmouth 4 respondents – 4 residents of St Andrews Road & Exmouth Town Council	
<p>Objection 4 respondents object to the proposals on the grounds that:</p> <ul style="list-style-type: none"> • 4 respondents commented that parking is already limited on St Andrews Road. • 1 respondent commented that installing electric charging spaces in the street will reduce parking further. • 1 respondent commented that there are too many cars for spaces. • 1 respondent commented that some vehicles are forced to park on no waiting at any time restrictions 	<p>Officer comments: We understand that there will be an impact on parking in some streets. But we believe, as the switch to electric vehicles accelerates, the benefits of having rapid chargers located close to residents' homes will quickly outweigh any initial concerns. The sites have all been carefully selected to begin a good geographic spread of charging points in East Devon and to offer charging facilities to areas where having a charge point at home may not be possible.</p>

overnight because there is nowhere else to park.

- 2 respondents commented that visitors to the seafront and marina park their cars here.
- 2 respondents commented that no one in the street owns an electric car so it would not benefit residents.

Support

- Exmouth Town Council support the proposals to provide electric charging points in Exmouth.
- The council notes that the proposed bays are in areas with parking which is already congested.

Comment:

- 2 respondents commented that residents parking should be introduced on the street.
- 1 respondent commented that residents parking should be consulted upon before this proposal goes further.
- 1 respondent commented that they did not feel there has been enough consultation with residents about this proposal.

Suggestion:

- 2 respondents suggested utilising the existing car parks on the seafront and on Imperial Road to install electric parking spaces.
- 1 respondent suggested installing the electric charging points along the seafront instead.

The chargers have been placed to ensure maximum visibility and accessibility. Having them in easily visible and accessible places is an important factor in encouraging people to use them. The locations have been selected to ensure they are only a short walk from residential areas, ensuring they are easily available for people. This is particularly important at night.

Comments:

Detailed plans are being drawn up for the residents parking scheme in Exmouth and the proposals will be advertised later this year. Affected residents will be notified when the proposals are advertised with more information. Updates will also be published on the Exmouth Residents Parking webpage – <https://devon.cc/exmouthparking>

This is the formal consultation with the public on these proposals, a final decision will be made following this consultation.

Suggestions:

Devon County Council do not have jurisdiction over the car parks in Exmouth as they are maintained by East Devon District Council. As the highway authority Devon County Council control on-street parking only.

These locations have been chosen because they are close to peoples homes so that they can be utilised by residents who own an electric vehicle as it is anticipated that electric vehicle ownership will increase over the next few years.

Recommendation: Implement proposal as advertised.

Comment**Devon County Council
Response****Plan ENV5806/003 Halsdon Road, Exmouth
7 respondents – 6 residents of Halsdon Road, 1 resident of Woodville Road &
Exmouth Town Council****Objection**

6 respondents object to the proposals on the grounds that:

- 3 respondents commented that introducing electric charge points here will make parking issues in the street worse.
- 3 respondents commented that parking is already hard to find in this area, especially at night.
- 3 respondents commented that commuters and non-residents use the road to park in making it difficult for residents to find spaces.
- 1 respondent commented that residents of the street do not own electric cars, nor do they have plans to purchase them soon. Therefore the charging points will not benefit local people.
- 2 respondents commented that the introduction of these parking spaces may mean more traffic circling round the streets looking for electric parking spaces.

Support

- Exmouth Town Council support the proposals to provide electric charging points in Exmouth.
- The council notes that the proposed bays are in areas with parking which is already congested.

Comment

- 1 respondent commented that no consultation with residents took place before the notices were put up on street.

Suggestion:

- 3 respondents suggested that residents parking should be introduced on Halsdon Road to help with the parking issues residents already experience.
- 1 respondent suggested that Devon County Council should try to rectify the

Officer comments:

We understand that there will be an impact on parking in some streets. But we believe, as the switch to electric vehicles accelerates, the benefits of having rapid chargers located close to residents' homes will quickly outweigh any initial concerns. The sites have all been carefully selected to begin a good geographic spread of charging points in East Devon and to offer charging facilities to areas where having a charge point at home may not be possible.

The chargers have been placed to ensure maximum visibility and accessibility. Having them in easily visible and accessible places is an important factor in encouraging people to use them. The locations have been selected to ensure they are only a short walk from residential areas, ensuring they are easily available for people. This is particularly important at night.

Comments:

This is the formal consultation with the public on these proposals, a final decision will be made following this consultation

Suggestions:

Detailed plans are being drawn up for the residents parking scheme in Exmouth and the proposals will be advertised later this year. Affected residents will be notified when the proposals are advertised with more information. Updates will also be published on the Exmouth Residents Parking webpage – <https://devon.cc/exmouthparking>

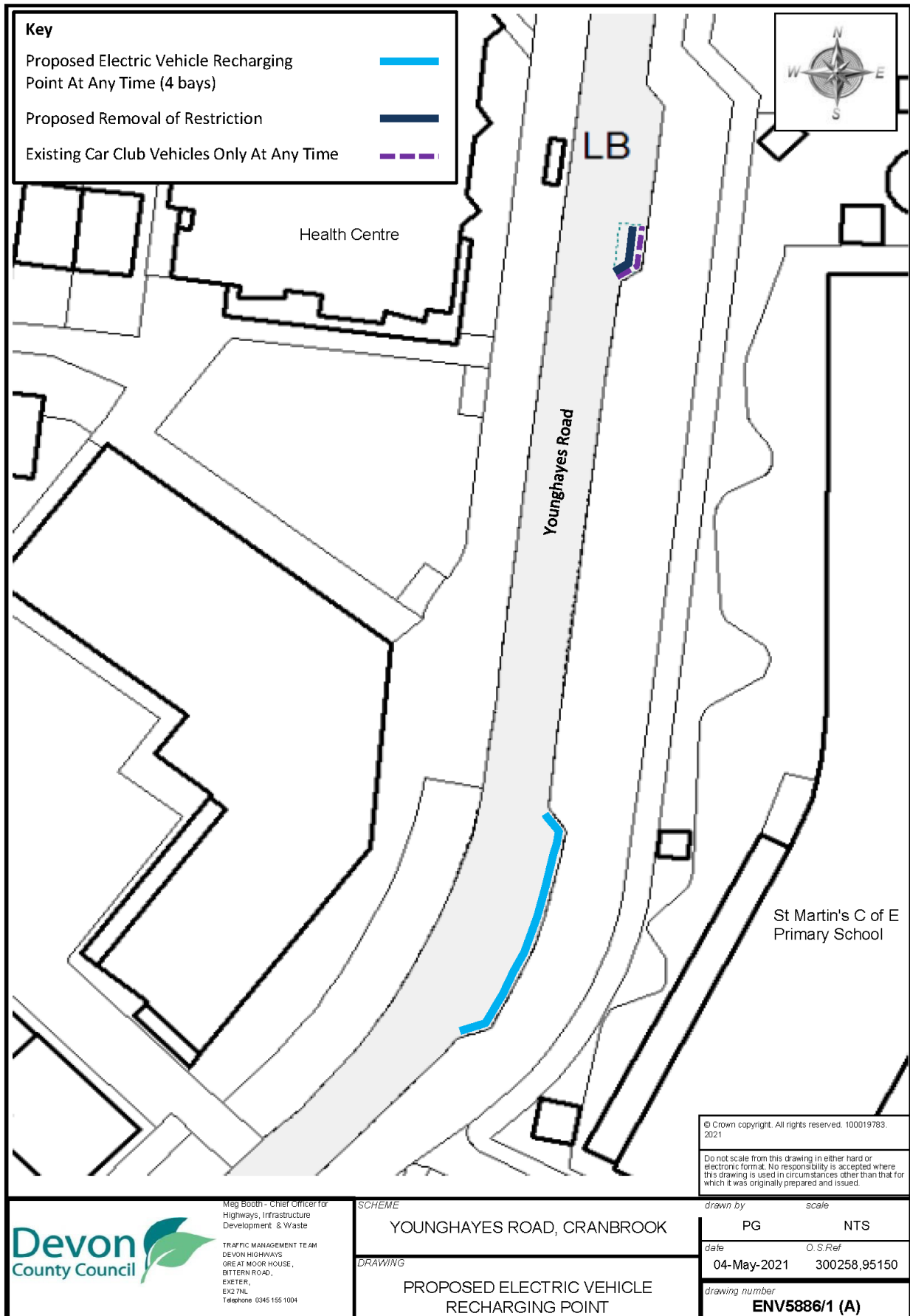
Devon County Council do not have jurisdiction over the car parks in Exmouth as they are maintained by

parking problem before introducing further parking restrictions.

- 1 respondent suggested that part of the East Devon District Council car park by the recreation ground be used for all electric parking in Exmouth.
- 3 respondents suggested that it would be better to install electric charging points in one of the nearby car parks for Marks and Spencer, the recreation ground or train station.

East Devon District Council. As the highway authority Devon County Council control on-street parking only.

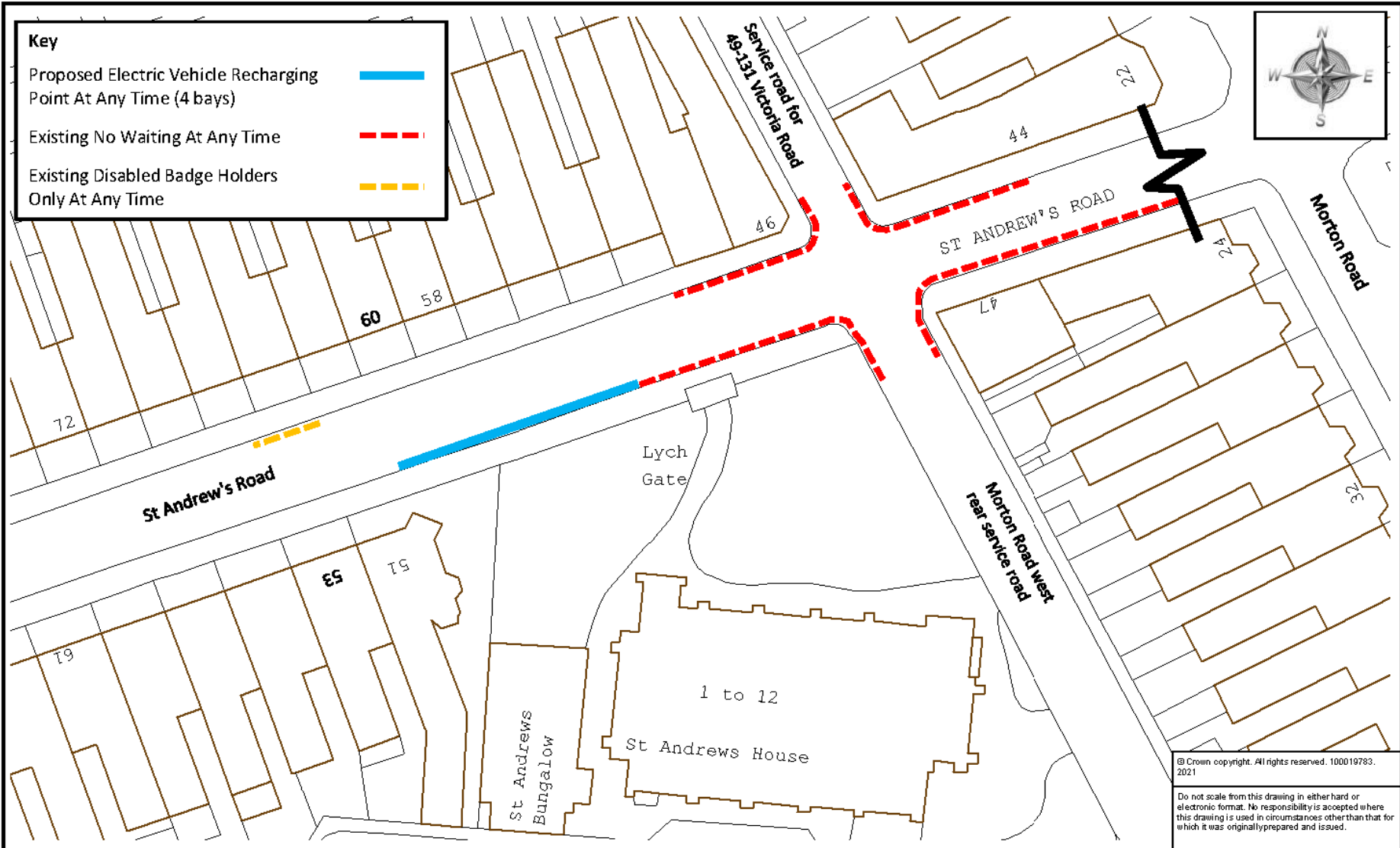
Recommendation: Implement proposal as advertised.





Key

- Proposed Electric Vehicle Recharging Point At Any Time (4 bays) ———
- Existing No Waiting At Any Time - - -
- Existing Disabled Badge Holders Only At Any Time - - -



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Meg Booth - Chief Officer for Highways, Infrastructure Development & Waste

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 Telephone 01392 155 100

SCHEME

ST ANDREWS ROAD, EXMOUTH

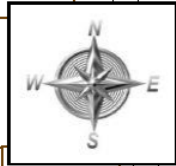
DRAWING

PROPOSED ELECTRIC VEHICLE RECHARGING POINT

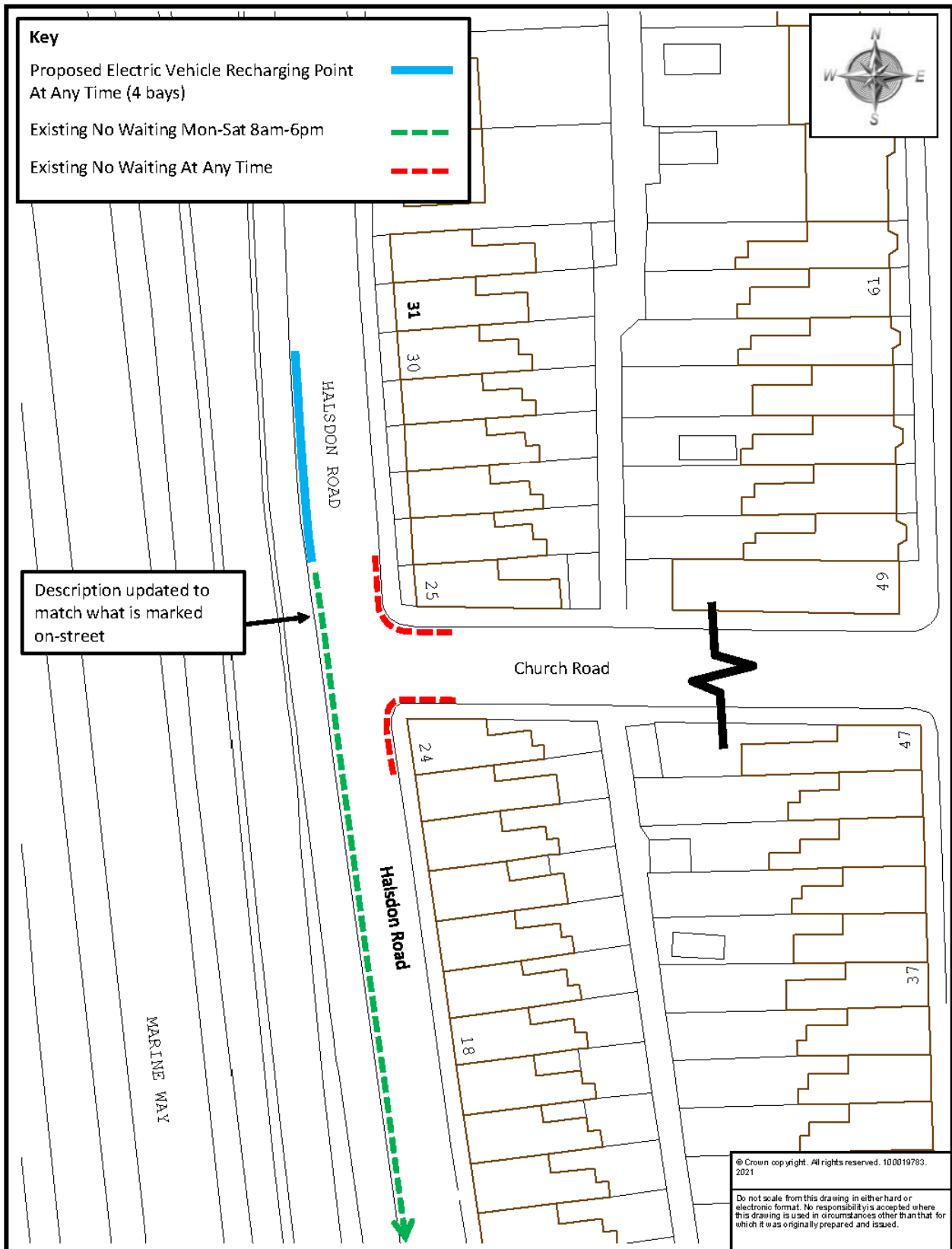
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PG	NTS
<i>date</i>	<i>O.S. Ref</i>
04-May-2021	299714,80712
<i>drawing number</i>	
ENV5886/2 (A)	

Key

- Proposed Electric Vehicle Recharging Point At Any Time (4 bays) ———
- Existing No Waiting Mon-Sat 8am-6pm - - - -
- Existing No Waiting At Any Time - - - -



Description updated to match what is marked on-street



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SCHEME		HALSDON ROAD, EXMOUTH	
DRAWING		drawn by	scale
PROPOSED ELECTRIC VEHICLE RECHARGING POINT		PG	NTS
		date	O.S.Ref
		04-May-2021	300027,81348
		drawing number	
		ENV5886/3 (A)	