MBC traffic engineers & transport planners

Wessex Solar Energy

PROPOSED SOLAR PHOTOVOLTAIC FARM LAND AT BLACKBERRY LANE PEMBROKE

PRE APPLICATION CONDITION SURVEY

Technical Report 44111/1
July 2020

Mark Baker Consulting Limited

32 Montpelier Court
Station Road
Montpelier
Bristol BS6 5EA
Tel: 0117 924 6994

Email: mbctraffic@gmail.com

Directors:

M Baker
BSc CEng MICE FCIT FILT EurIng

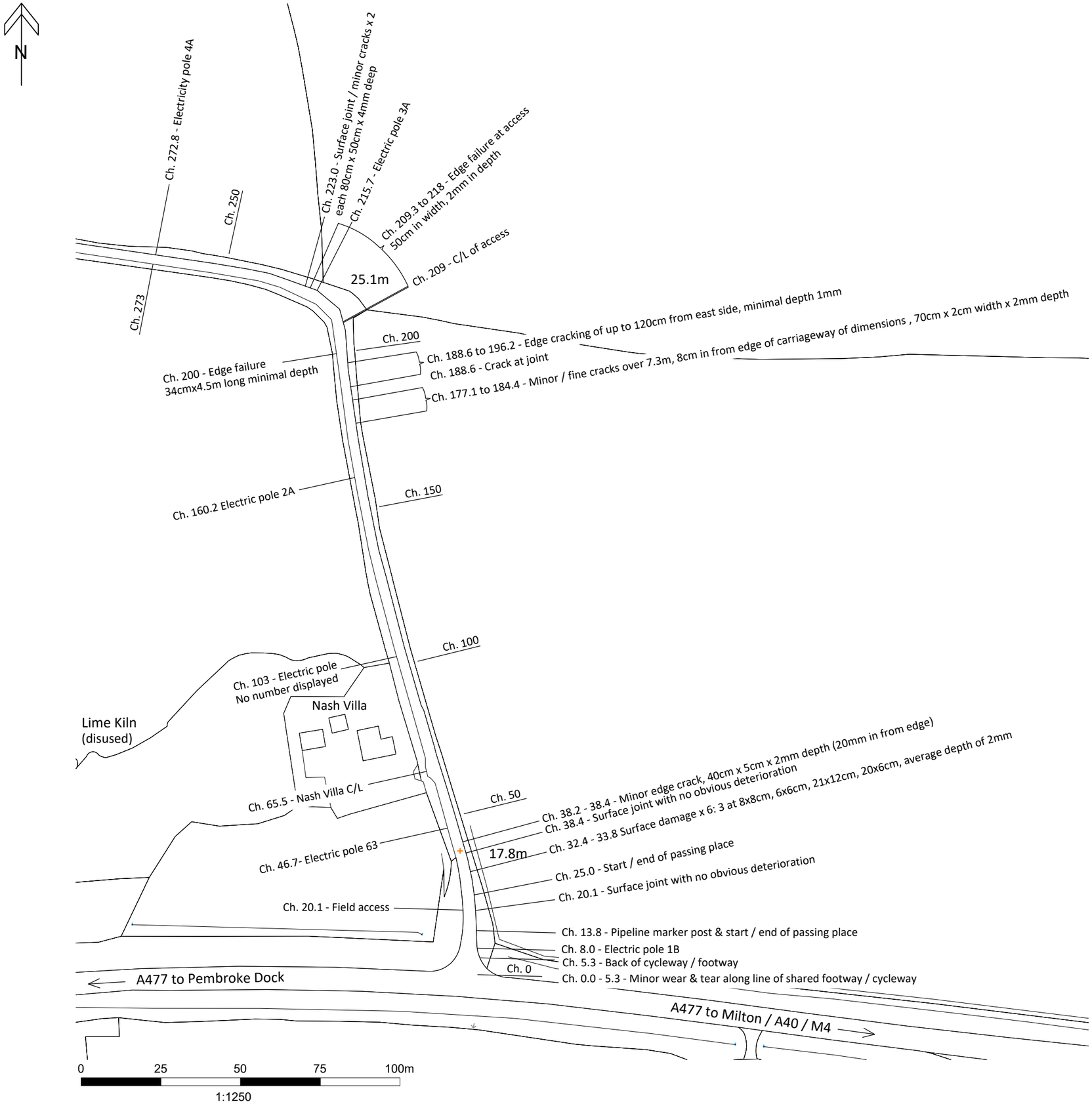
T J Baker

Registered in England and Wales 6028435
Registered office as above.

Introduction

1. This Pre Application Condition Survey is submitted in respect of a proposed 22MW solar farm facility on land at Blackberry Lane, Pembroke. The proposal is being developed by Wessex Solar Energy.
2. The Pre Application Condition Survey was undertaken on Tuesday 14th July 2020, and was undertaken by Mark Baker of MBC for Wessex Solar Energy.
3. The survey was undertaken in dry weather with no surface water run-off from any adjacent field.
4. The extent of the survey was from the A477 through to chainage 225m just beyond the proposed site access, and covered the length of Blackberry Lane from the A477 through to the site access including of the order of 25m beyond to cover the potential for vehicles to be reversing back into the site access.
5. This report comprises a schedule and a figure illustrating the various identified defects at the time of undertaking the visit, and an appendix of photographic records indicating the condition of Blackberry Lane.

FIGURE



NOTES

1. Subject to detailed design.
2. For the photographic records refer to the Technical Report 44111/1.
3. Defects are measured in cm unless otherwise dimensioned as chainages in m and depths in mm.

Rev	Revision	Drn	App	Date
0	Original Issue	CAS	MB	07/20

MBC
Mark Baker Consulting Ltd
32 MONTPELIER COURT
STATION ROAD
MONTPELIER
BRISTOL BS6 5EE
TEL : (0117) 924 6994
FAX : (0117) 924 6156
mbc.traffic@virgin.net
traffic engineers & transport planners

Client

WEESEX SOLAR ENERGY

Project

BLACKBERRY LANE
SOLAR FARM PEMBROKE

Title

PRE–APPLICATION
CONDITION SURVEY

Drawn	Checked	Approved	Date
CAS	MB	MB	07/2020

Scales 1:1250 @ A3

CAD Ref	Plot	Drawing No.	Rev
		44111/100	0

THE SCHEDULE

Schedule

PRE PLANNING APPLICATION DEFECTS AND IDENTIFYING POINTS

Chainage	***Photograph***	***Feature***
0m	n/a	Northern edge of carriageway / Give Way Line
0.0 to 5.3m	101	Minor wear and tear along the line of shared footway / cycleway
5.3m	n/a	Back of shared footway / cycleway
8.0m	n/a	Electric pole 1B (East side)
13.8m	n/a	Pipeline marker post and start / end of passing place (East side)
20.1m	102 / 103	Surface joint with no obvious deterioration
20.1m	n/a	Field access (West side)
25.0m	124	Start / end of passing place (East side)
32.4 to 33.8m	104	Surface damage x6 East side 8cm x 8cm, 6cm x 6cm, 21cm x 12cm, 20cm x 6cm all average depth 2mm
38.4 m	105	Surface joint with no obvious deterioration
38.2 to 38.4m	105 / 106 / 107	Minor edge crack East side 40cm x 5cm 2mm depth (2cm in from the carriageway edge)
46.7m	n/a	Electric pole 63 (West side)
65.5m	108	Nash Villa access centre line (West side)
103.0m	n/a	Electric pole (West side) No number displayed
160.2m	109	Electric pole 2A (West side)
177.1 to 184.4m	110 / 111 /112 /113	Minor / fine cracks over 7.3m typically 8cm in from carriageway edge over a total area of 70cm x 2cm with 2mm depth
188.6m	114	Crack at joint
188.6 to 196.2m	115 / 116	Edge cracking (East side) of up to 120cm from east side of carriageway minimal depth of 1mm
200.0m	117 / 118 / 119	Edge of carriageway failing 34cm x 4.5m long minimal depth (west side)
209.0m	120/121	Approximate centre line of proposed access
209.3 to 218.0m	121 / 122 / 123	Edge failure at access 50cm in width 2mm depth over 8.7m
215.7m	n/a	Electric pole 3A
223.0m	124	Surface joint / minor cracks x2 each 80cm x 50cm 4mm depth
272.8m	n/a	Electric pole 4A

APPENDIX A

PRE APPLICATION

PHOTOGRAPHIC RECORDS

Plate 101

Plate 102

Plate 103

Plate 104

Plate 105

Plate 106

Plate 107

Plate 108

Plate 109

Plate 110

Plate 111

Plate 112

Plate 114

Plate 115

Plate 116

Plate 117

Plate 118

Plate 119

Plate 120

Plate 121

Plate 122

Plate 123

Plate 124