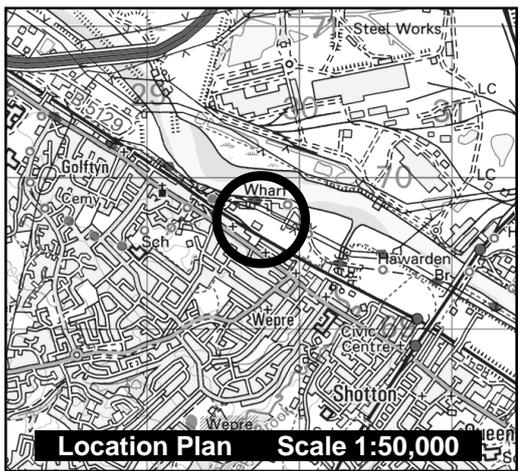


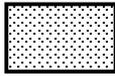
CONNAH'S QUAY

Application Site



Planning, Environment & Economy,
 Flintshire County Council, County Hall,
 Mold, Flintshire, CH7 6NF.
 Chief Officer: Mr Andrew Farrow

Legend

-  Planning Application Site
-  Adopted Flintshire Unitary Development Plan Settlement Boundary

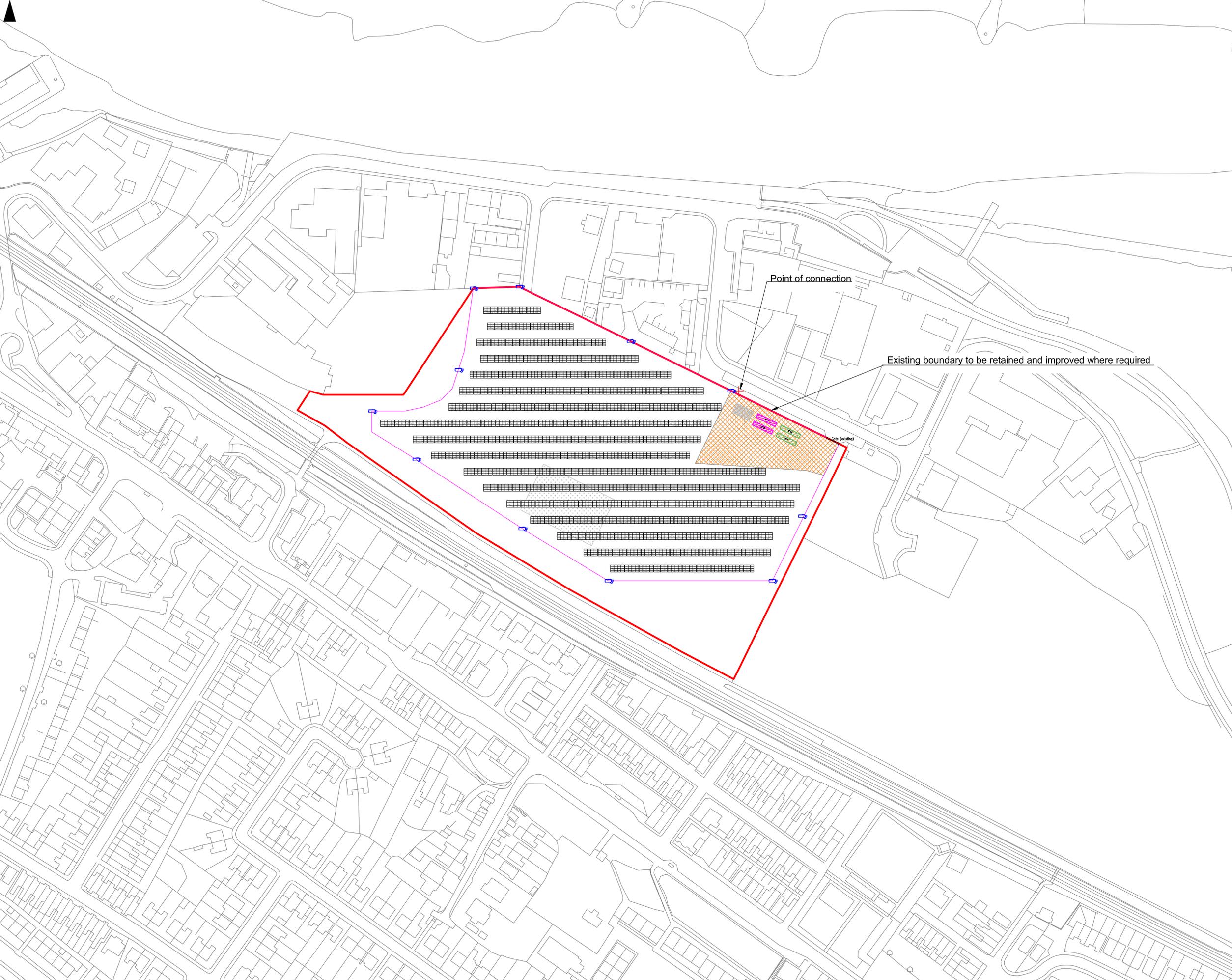
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Map Scale 1:2500

OS Map ref SJ 2969

Planning Application **60765**

North



- NOTES**
- All levels and dimensions in metres unless otherwise specified
 - All vegetation within the red line boundary is to be cleared
 - No topographic survey has been carried out but walk over survey indicates that the site is roughly level
- LEGEND**
- OS MasterMap lines
 - Planning boundary
 - Proposed security fencing
 - Gate
 - Indicative CCTV location
 - Proposed Inverter/Transformer envelope
 - Proposed PV table location
 - Grid connection substation envelope
 - Battery storage container
 - Proposed temporary construction compound
 - Point of connection
 - Existing hard standing area

Existing boundary to be retained and improved where required

Point of connection

Gate (existing)

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 © Havfrynki y Gornn a Horddeu cronfa eiddo, 2019. Arlysof Ordnans mll y ddyddiad 10023396.

Scale (@ A1) 1:1000 Date: 23 SEP 2019

Prepared by: **dulas**
 helping renewable energy

solar wind hydro biomass

Client: Cyngor Flintshire County Council

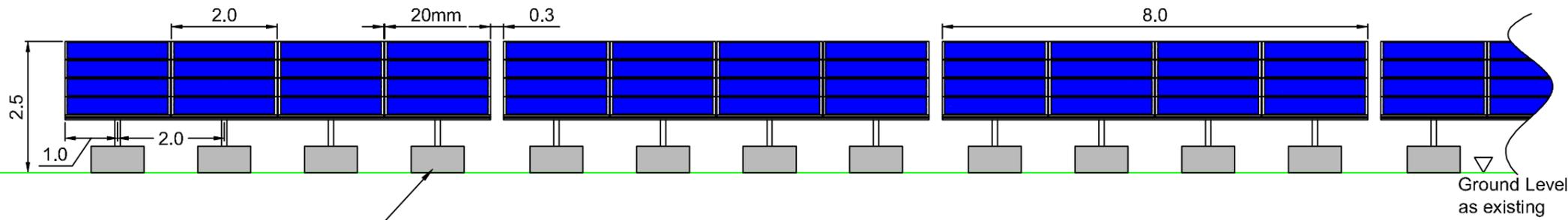
Project: E05480 Flintshire Solar Design - Crumps Yard

Figure 002 - Array Layout Overview

Drawn by: DR Checked by: RK Version: D

Every effort has been made to ensure the accuracy of the information provided on this figure. Dulas Ltd cannot be held responsible for any omissions or errors in the data supplied by third parties and hereby expressly disclaims any responsibility for any losses, disappointment, negligence or damage caused by reliance on the information contained on this figure.

FRONT ELEVATION OF TABLE ARRAY
SCALE 1:100



Ballasted foundation option shown***
Dimension not given as indicative only

NOTES

All dimensions are indicative only and depend on system selected.

All dimensions in metres unless otherwise specified.

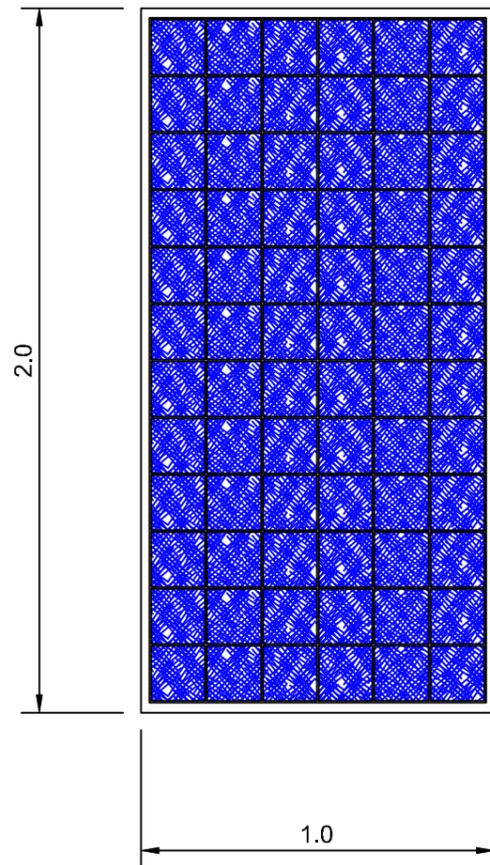
*Due to changes in topography a variability in panel height is anticipated:

- Minimum height above ground (rear): 2.5m,
- Minimum height above ground (front): 1.0m.

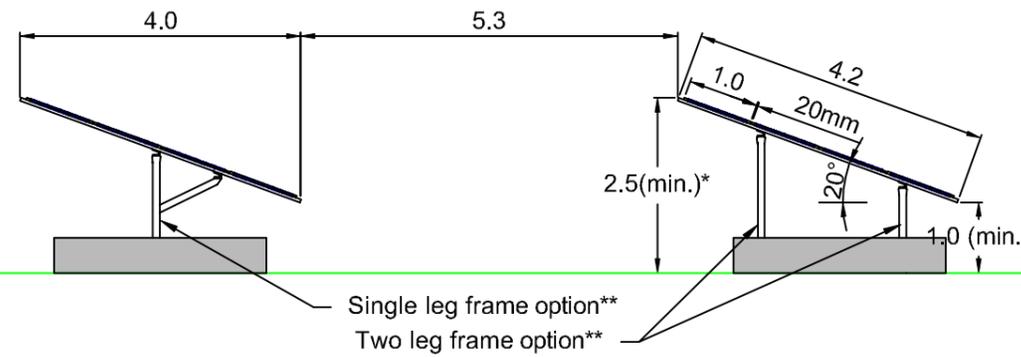
**There are many different forms and suppliers of PV table mounting system. The final choice shall be determined at the detailed design phase and will depend on availability and suitability. Two options are given in this drawing to highlight this issue. The final choice shall be submitted to the Local Authority for approval prior to construction.

***Due to the variability of ground conditions on this site a number of foundation options have been illustrated. The exact option, or options, shall be decided at the detailed design phase, details of which shall be submitted to the Local Authority for approval prior to construction.

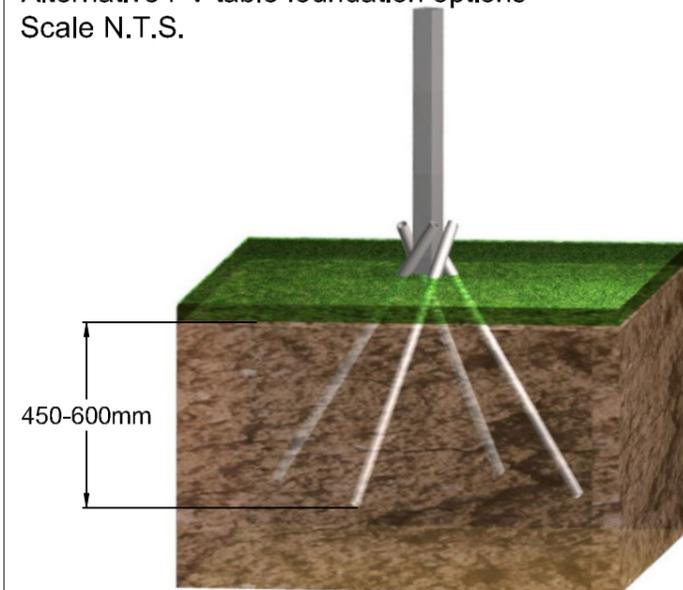
INDICATIVE SOLAR PANEL
SCALE 1:20



SIDE ELEVATION OF TABLE ARRAY
SCALE 1:100



Alternative PV table foundation options***
Scale N.T.S.



Soil pin system

TreeSystem Srl - Dispositivi di ancoraggio © 2019



Ballasted system

(as shown above)

Scale (@ A3) As Shown

Date: 20 FEB 2019

Prepared by:



Client: Cyngor Flintshire County Council

Project: E05480 Flintshire Solar Design - Crumps Yard

Figure 006 - Indicative Panel and Table Array (20°)

Drawn by: DR

Checked by: CW

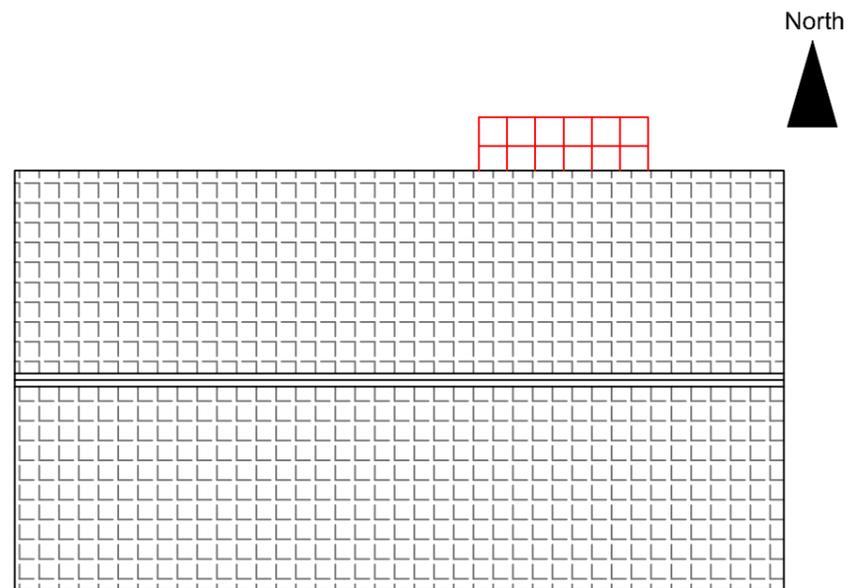
Version: A

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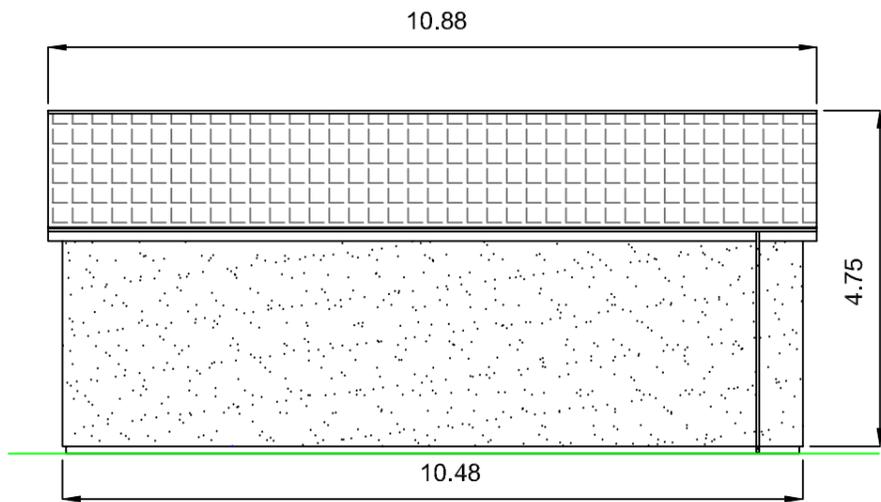




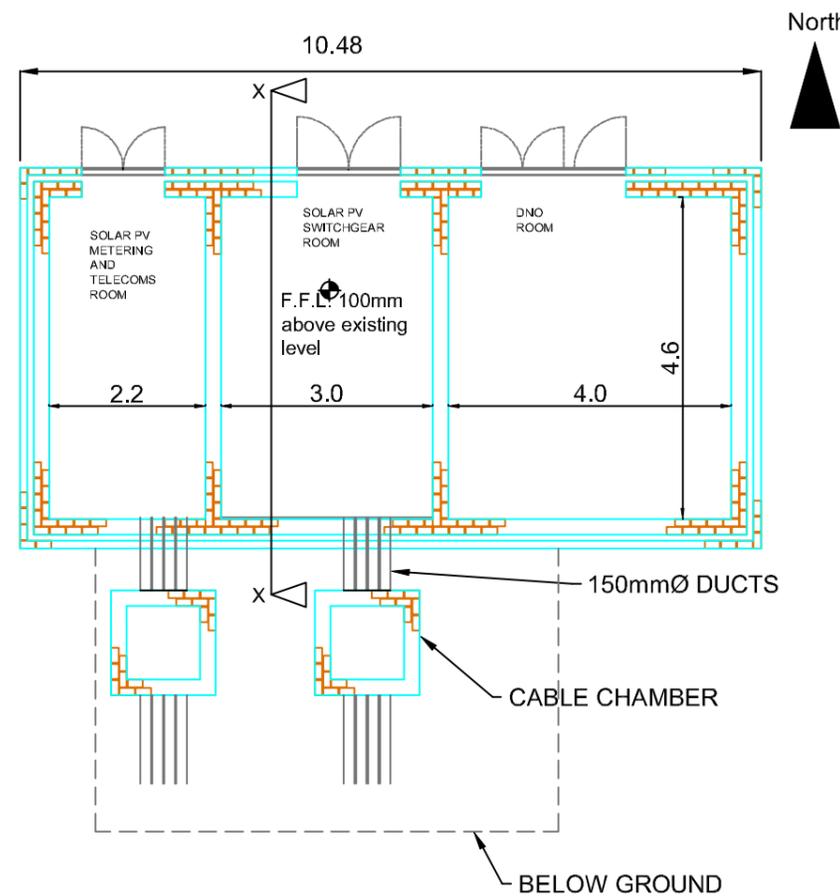
North (front) Elevation



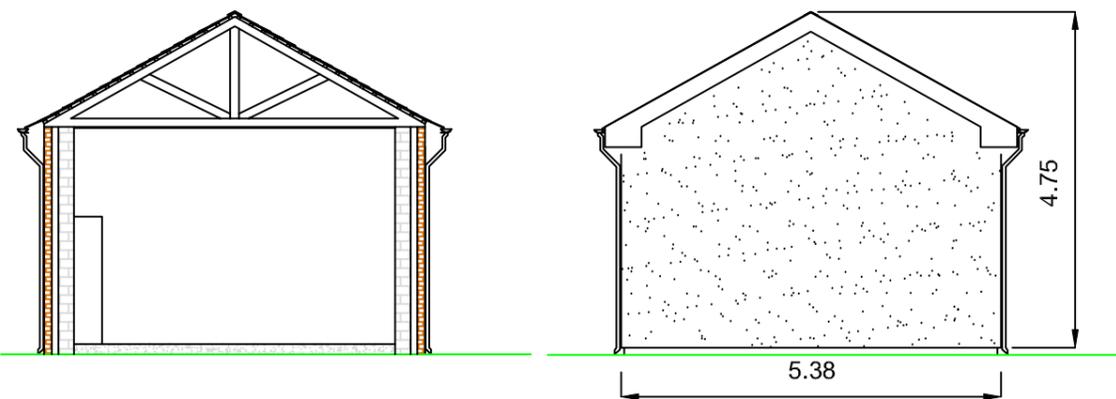
Roof Plan



South Elevation



Floor Plan



Section X-X

West Elevation

NOTES

All levels and dimensions in metres unless otherwise specified.

Levels are relative to Ordnance Datum Malin Head.

This drawing illustrates an indicative structure. Final layout shall be decided during the detailed design phase of the project and shall be submitted to the Local Authority for approval.

Scale (@ A3) 1:100

Date: 15 FEB 2019

Prepared by:



Client: Cyngor Flintshire County Council

Project: E05480 Flintshire Solar Design - Crumps Yard

Figure 007 - Indicative MV Substation Layout

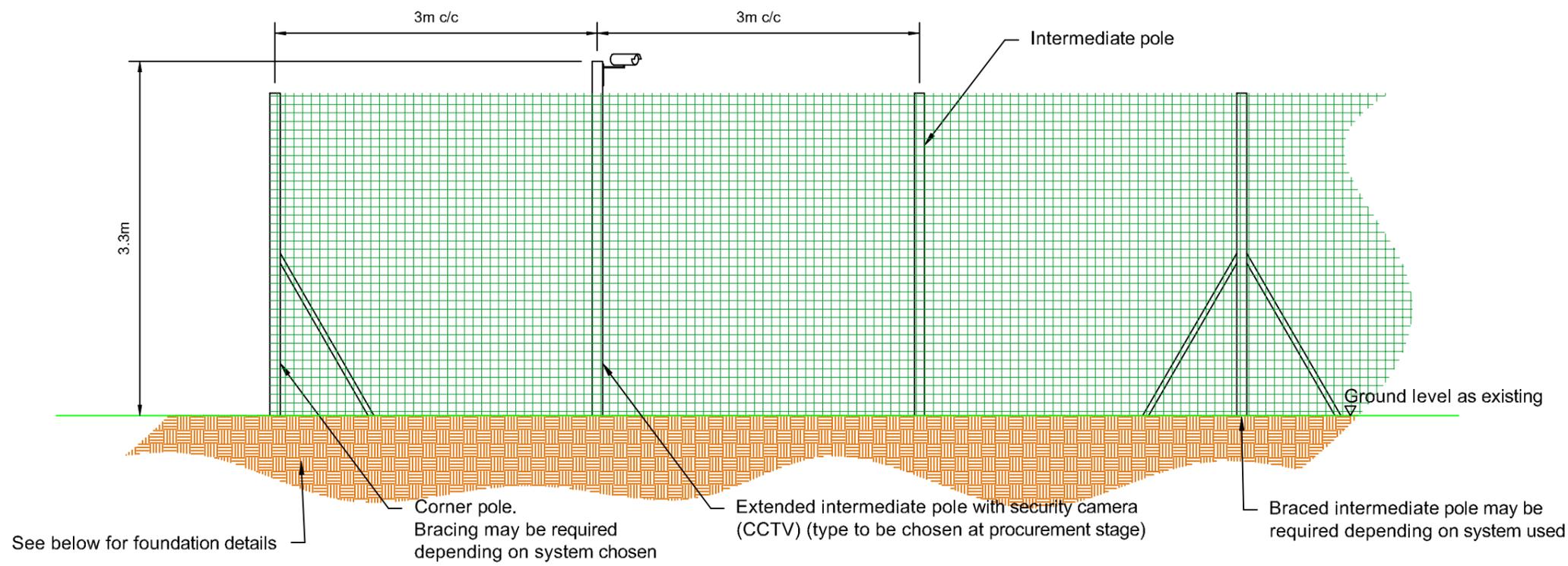
Drawn by: DR

Checked by: CW

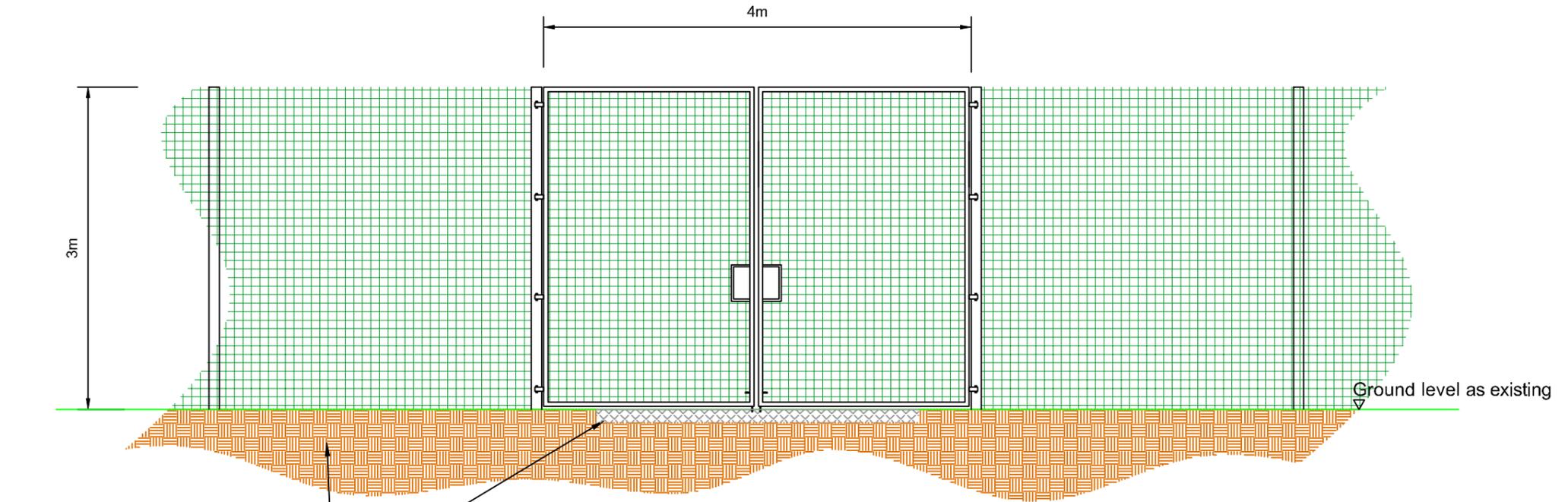
Version: A

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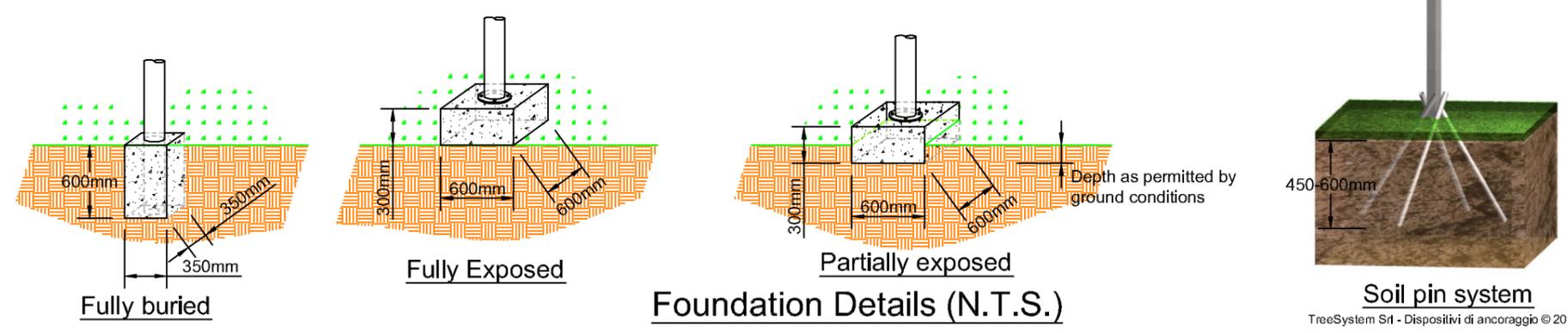




Generic Security Fence & CCTV Camera (1:50)



Generic Security Fence - Gate Detail (1:50)



NOTES

All dimensions in metres unless otherwise specified

A number of foundation options are shown below. It is anticipated that a variety of methods will be used due to the nature of the sites previous use and the variety of ground conditions that are present.

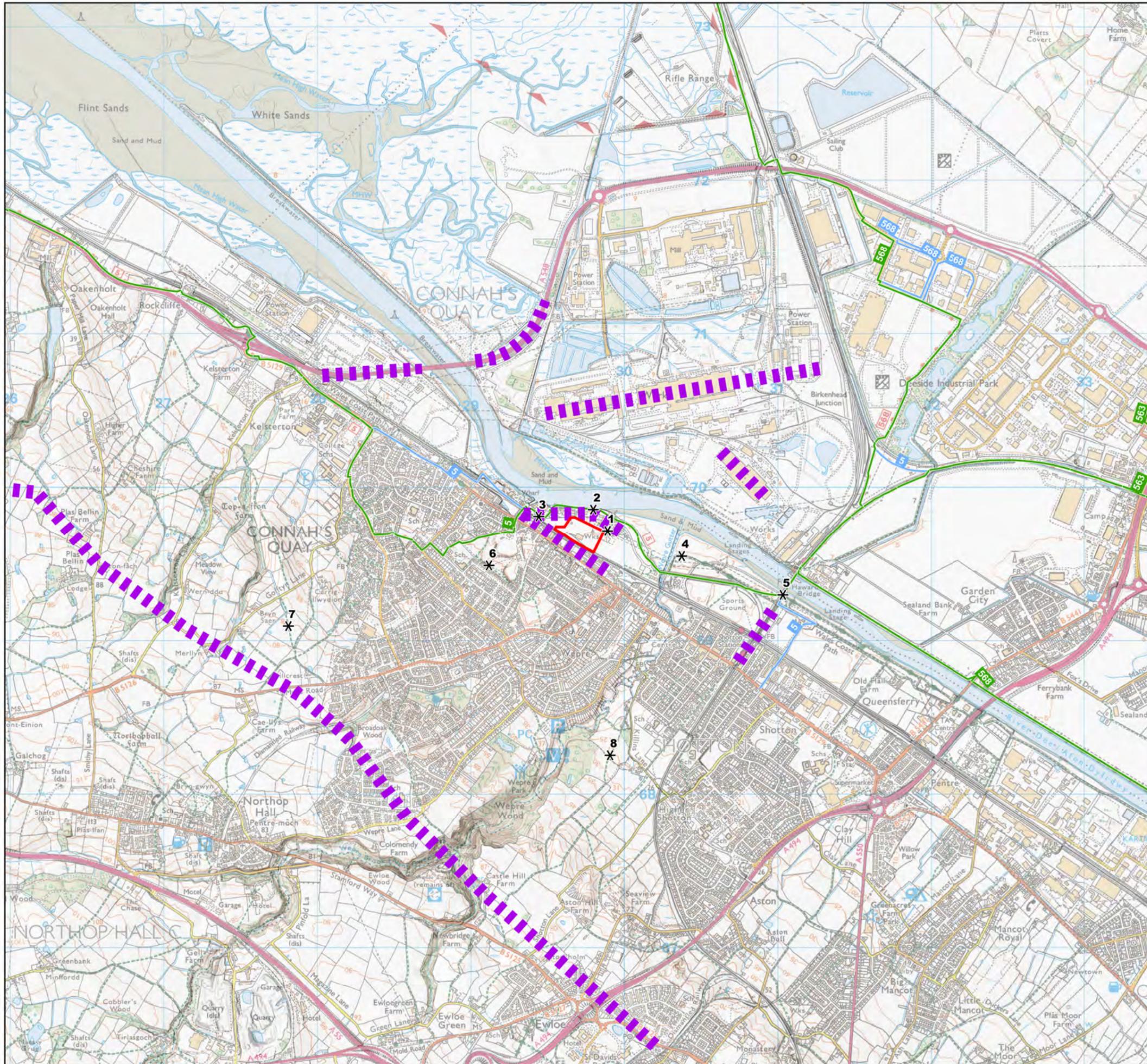
Dimensions are indicative only and are not for construction. Detailed design of the foundation should be undertaken once a ground investigation survey has been undertaken.

Scale (@ A3) As shown	Date: 15 FEB 2019
Prepared by:	  solar  wind  hydro  biomass
Client: Cyngor Flintshire County Council	
Project: E05480 Flintshire Solar Design - Crumps Yard	
Figure 010 - Typical Security Fence, Gate and Camera	
Drawn by: DR	Checked by: CW
Version: A	
<small>Every effort has been made to ensure the accuracy of the information provided on this figure. Dulas Ltd cannot be held responsible for any omissions or errors in the data supplied by third parties and hereby expressly disclaims any responsibility for any losses, disappointment, negligence or damage caused by reliance on the information contained on this figure.</small>	
 	

Crumps Yard

FIGURE L1
 Site Context and Visual Analysis Plan

- KEY**
- Site Boundary
 - Screening Features
 - National Cycle Route
 - National Cycle Network Link



0 500 1,000 m



DATE	BY	SCALE	PAPER	QA	REV
AUG 2019	JD	1:25,000	A3	ME	-

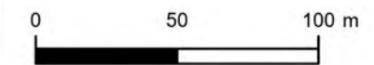
Crumps Yard

FIGURE L2

Aerial Photograph
(Aerial Imagery Captured 27/09/2018)

KEY

 Site Boundary



DATE	BY	SCALE	PAPER	QA	REV
AUG 2019	JD	1:2,500	A3	ME	-



PHOTOGRAPH 1: VIEW WEST FROM DOCK ROAD AT SITE ENTRANCE (40 DEGREES HORIZONTAL INCLUDED ANGLE)



PHOTOGRAPH 2: VIEW SOUTH FROM WALES COAST PATH / DOCK ROAD (40 DEGREES HORIZONTAL ANGLE INCLUDED)

PHOTOGRAPHY NOTES:

Camera: Canon EOS5D Mk2
 Lens: 50mm fixed
 Date: Jun 2019



Crumps Yard Solar Farm			FIGURE L3	
			Site Photographs	
Date: JUN 2019	By: ME	Ckd: MF	Paper Size: A3	Rev : -



PHOTOGRAPH 3: VIEW SOUTH EAST FROM WALES COAST PATH / DOCK ROAD (40 DEGREES HORIZONTAL INCLUDED ANGLE)



PHOTOGRAPH 4: VIEW NORTH WEST FROM WALES COAST PATH (40 DEGREES HORIZONTAL INCLUDED ANGLE)

PHOTOGRAPHY NOTES:

Camera: Canon EOS5D Mk2
 Lens: 50mm fixed
 Date: Jun 2019



Crumps Yard Solar Farm			FIGURE L4	
			Site Photographs	
Date: JUN 2019	By: ME	Ckd: MF	Paper Size: A3	Rev : -



PHOTOGRAPH 5: VIEW NORTH WEST FROM HAWARDEN BRIDGE / NATIONAL CYCLE ROUTE 5 (40 DEGREES HORIZONTAL INCLUDED ANGLE)



PHOTOGRAPH 6: VIEW NORTH EAST FROM CONNAH'S QUAY CENTRAL PARK (40 DEGREES HORIZONTAL INCLUDED ANGLE)

PHOTOGRAPHY NOTES:

Camera: Canon EOS5D Mk2
 Lens: 50mm fixed
 Date: Jun 2019



Crumps Yard Solar Farm			FIGURE L5	
			Site Photographs	
Date: JUN 2019	By: ME	Ckd: MF	Paper Size: A3	Rev : -



PHOTOGRAPH 7: VIEW NORTH WEST ALONG NORTH WALES COAST LINE (40 DEGREES HORIZONTAL INCLUDED ANGLE)



PHOTOGRAPH 8: VIEW NORTH FROM PUBLIC FOOTPATH OFF KILLINS LANE (40 DEGREES HORIZONTAL INCLUDED ANGLE)

PHOTOGRAPHY NOTES:

Camera: Canon EOS5D Mk2
 Lens: 50mm fixed
 Date: Jun 2019



Crumps Yard Solar Farm			FIGURE L6	
			Site Photographs	
Date: JUN 2019	By: ME	Ckd: MF	Paper Size: A3	Rev : -

Statement from local Ward member

RE: REPRESENTATIONS AT PLANNING COMMITTEE FOR PLANNING APP REF: 060765

As one of the local members I support the application as long as it complies with our policy's.
