

DESIGN STATEMENT, FLOOD RISK ASSESSMENT
BIO DIVERSITY STATMENT
PROPOSED MANÈGE FLOOD LIGHTING

185, BROADGATE, SUTTON ST EDMUND, PE12 0LT



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PROFILE:

Post Code: PE12 0LT

Grid ref: TF 366119

Lat: 52.687658 Long: 0.020208838

HISTORY:

Under reference H19-0491-06 permission was granted in 2006 for Extension to dwelling, erect stable and Manège, and change of use of agricultural land to paddock.

The Manège being 40m x 20m wth 1.20m high Lincolnshire Post and Rail fence

Condition 5 refers to written consent being required to erect any lighting to the Paddock - but no mention could be found referring to the Manège



PROPOSAL:

Erection of 4 No 7.70m high lamp post each supporting 3No Light units (total height 8m) consisting of INUI LTD LEDLUXSP-250-P50-150LPW

Article No.:

Luminous flux (Luminaire): 32467 lm

Luminous flux (Lamps): 33006 lm

Luminaire Wattage: 228.7 W

Luminaire classification according to CIE: 98 CIE flux code: 48 91 98 98 98 Fitting:

1 x User defined (Correction Factor 1.000).

See details on following pages

LOCATION:

Lights positioned 11.20m from the corners along the two 40m long sides (two each side) just outside the Rail fencing surrounding the 40 x 20m Manège

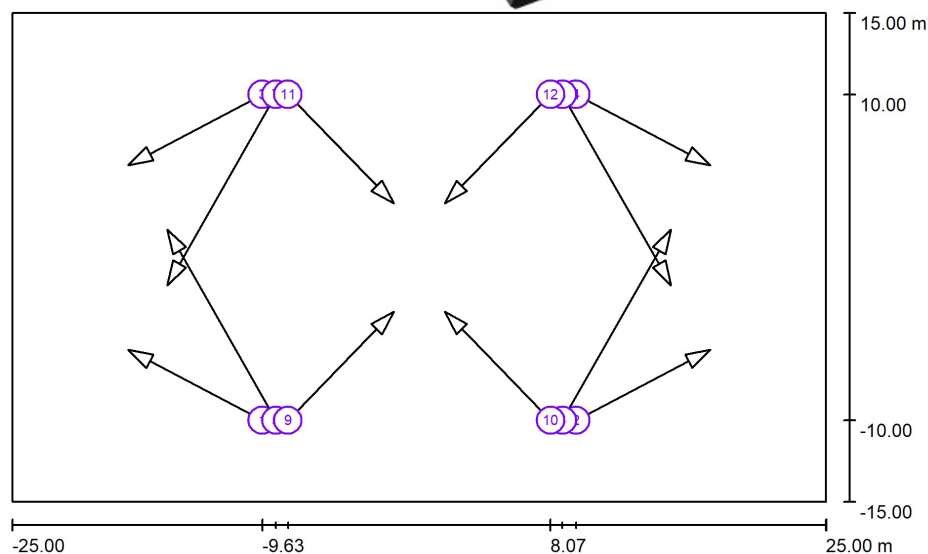
The North and South 40m boundaries of the Manège are abutted by approx. 5.50 m high Conifer hedging

The East boundary faces the residence whilst the West boundary faces paddock lands within the curtilage of the property.

All lights to face inwards into the Manège



LIGHT HEAD



Technical Information

Design

BSBN40, PD6547: 2023 (No sign)

Load class B

Deflection class 3

Head load- See Table

Finish

Galvanised to BS EN 1461:2022

Welding

In accordance with BS EN 1011

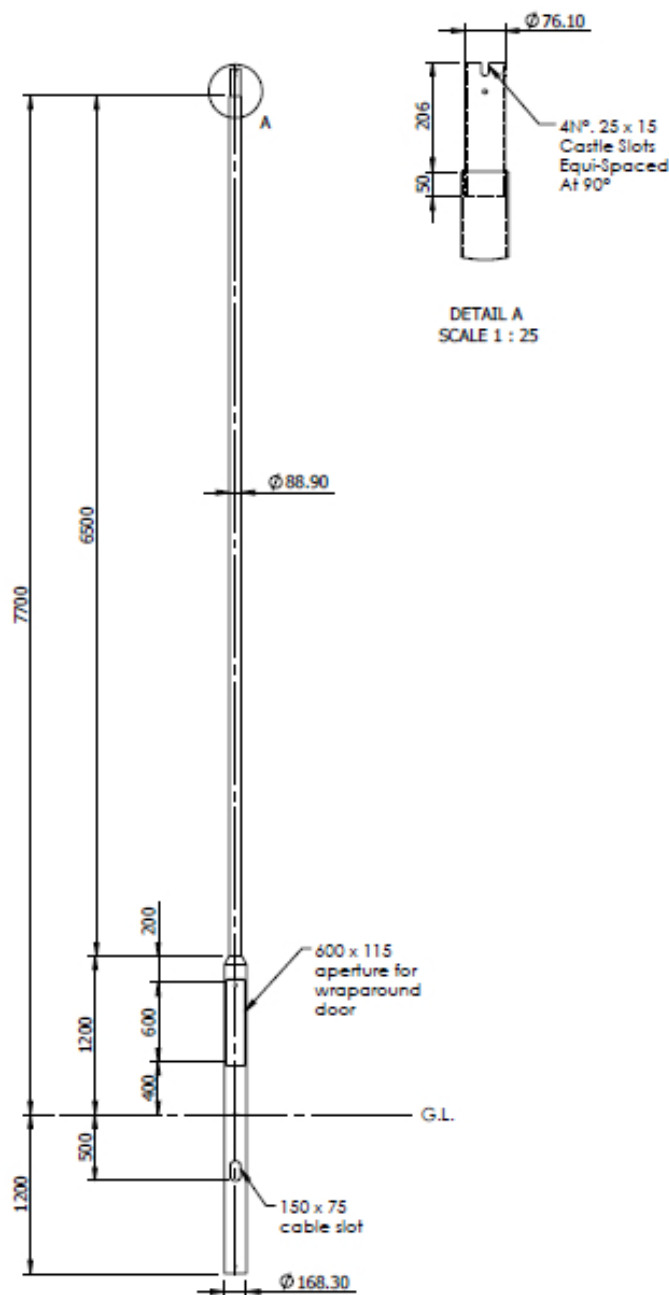
Procedures to BS EN ISO 15614-1:2017

Welders qualified to BS EN ISO 9606-1:2017

* Maximum design head load based on wind loading region with orientation of brackets/ luminaire(s) being on same plane as door*

Maximum Loading Including Bracket		
Wind Loading Region	Terrain Category	Weight/Area
Extra Light	I	45kg/0.40m²
	II	55kg/0.50m²
Light	I	40kg/0.34m²
	II	48kg/0.43m²
Medium	I	30kg/0.32m²
	II	40kg/0.40m²
Heavy	I	28kg/0.29m²
	II	36kg/0.36m²
Extra Heavy	I	22kg/0.22m²
	II	30kg/0.25m²

3rd Angle



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Revisions		
Rev.	Description	Date

Title
8 Metre Tubular Post Top Column

Drg No. 28350-2

Scale:1:50
Sheet 2 of 3

Drawn By: BH

Chk'd: RB

Ref. 8M038(89)

Contract:

Customer:

Date: 29/06/2020

Notes

All dimensions in millimetres unless stated otherwise.

When Multiple views are shown 3rd Angle Projection is assumed.

Flood Risk Assessment .

As can be seen from Data set Flood Maps for Planning images the property is located within a Zone 3 Flood zone.

However the proposal will have no bearing on any increase or decrease in the Flood risk associated with occupation of the dwelling at the location.

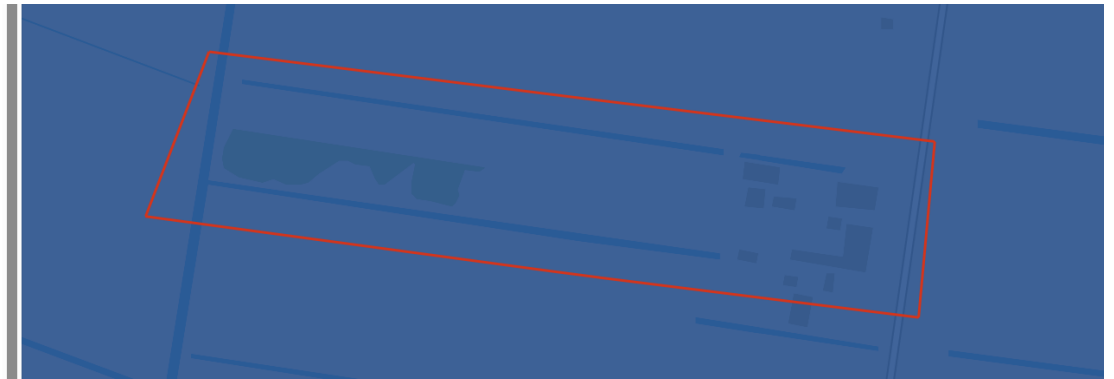
Therefore there is felt to be no change in the existing Flood risk

Summary of Flood risk taken from Flood Risk for Planning web site —on following page

Flood Risk Assessment contd:

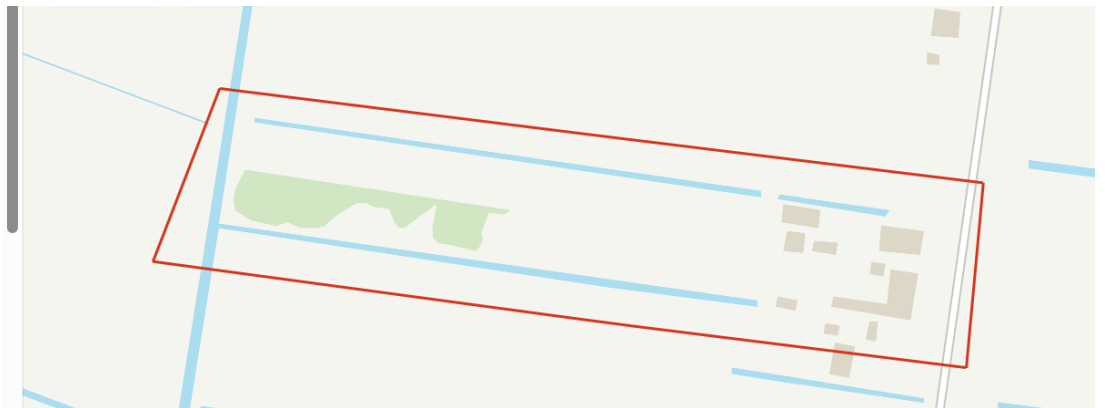
Datasets

- ☒ Flood zones 2 and 3
- ☐ River and sea with defences
- ☐ River and sea without defences
- ☐ Surface water
- ☐ None



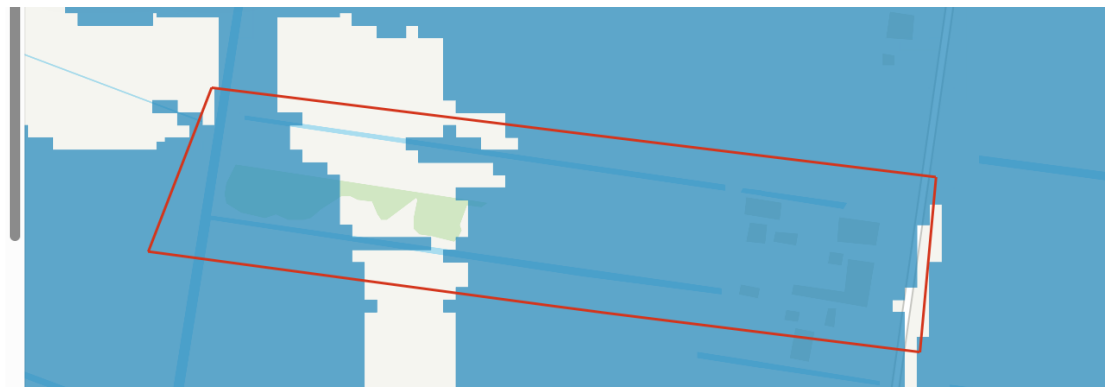
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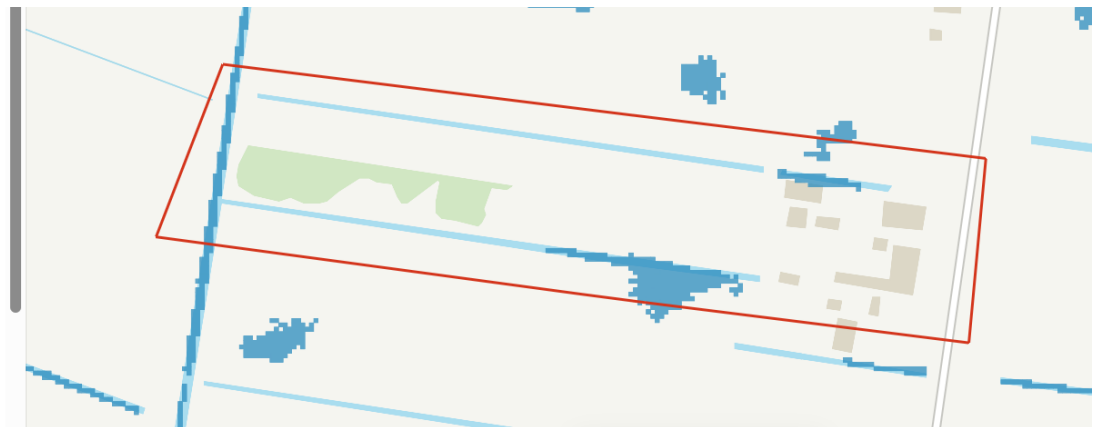
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Bio Diversity:

Applications for Planning Permission are required to make a statement as to whether they believe the biodiversity gain conditions will apply if permission is granted.

Believe the development impacting habitat is of an area below a 'de minimis' threshold of 25sqm with no priority habitat present.