

DILLINGTON ESTATE



RIDBA brings together the common aims of those involved in high quality, rural and industrial construction, following good practice in safety; with a very wide membership base; representing contractors, designers, colleges, surveyors, land agents, planners, manufacturers and clients.

www.ridbawessex.co.uk



DIRECTIONS
To FROGMARY GREEN FARM
West Street, SOUTH PETHERTON
TA13 5DJ

From M5, Junction 25

Take the A358 towards Ilminster, through Henlade

Straight on at Traffic Lights at Thorn Falcon and for approx 8 miles

At roundabout 1st exit signed A303 London

At next roundabout take 4th exit, signed Ilminster

At Lopenhead roundabout (Lopen RAJ Restaurant on right) take 3rd exit onto narrow lane

Pass under a bridge and farm entrance is 100m on left.

From A303 LONDON DIRECTION

Follow A303 to South Petherton roundabout

Take 2nd exit signed Ilminster

At Lopenhead roundabout (Lopen RAJ Restaurant on right) take 3rd exit onto narrow lane

Pass under a bridge and farm entrance is 100m on left.



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RIDBA
Rural and Industrial Design & Building Association

WESSEX BRANCH

You are invited to a full day event on

WEDNESDAY 6th APRIL 2016

at

DILLINGTON ESTATE KNOTT OAK DAIRY

MORNING SESSION - 1100 HOURS

AT

Frogmary Green Farm (Conference Centre)

- Innovative Design and Construction of Knott Oak Dairy Unit
- Welfare of Dairy cows in modern Dairy facilities
- Cow Movement, accommodation and density

AFTERNOON SESSION - 1400 HRS

Transfer to Knott Oak Farm

- Farm Visit to view and discuss these latest innovations in practise
- View the new 300 cow dairy complex

See inside for full details.



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RIDBA is a national organisation whose members advise on the design and construction of all types of farm, rural and industrial buildings.

INTRODUCTION

Dillington Estate comprises 965 Hectares (241 Ha arable, 90 Ha Potatoes, 274 Ha Grass-Leys, 14.7Ha Solar)

The new development 400 cow facility unit development commenced in August 2014 with silos to accommodate maize. The first batch of 200 cows arrived in May 2015.

The unit was completed in August 2015.

DEVELOPMENTS AT KNOTT OAK DAIRY UNIT

There are currently 325 cows in milk. The total herd with followers including dry cows is 524 head of stock.

The new building is 144 m in length and 45 m wide. The roof is of insulated Kingspan panels to provide a cool and dry environment.

In addition the sides and ridge have netting to prevent entry of birds etc.

The Cubicles are Cow Coon-85" and have high specification mattresses to ensure full cow posture on green bedding.

There are **six robots** (Lely) milking, with **rubber floor matting** (Intershape) in front of the robots.

Three Robotic slurry scrapers (Lely) move slurry to the slurry channels and two **robotic feed pushers** move feed internally on either side of the building

Six rotary brushes are located throughout the building and two treatment crushes (Lely) are incorporated. All Lely equipment is linked to a computer control system.

Water Troughs are Wilson Aqua Tip 200 litre capacity.

The **Silage clamp** capacity is 8778 m3

PROGRAMME

10.30 Assemble at Frogmary Green Farm (Conference Centre), South Petherton

10.40 Welcome by *Mark Longly*
RIDBA WESSEX CHAIRMAN

10.45 Construction of New Knott Oak Dairy Unit
Peter Hardwill RIDBA Wessex Member
Philip Hardwill, PH Hardwill Ltd

11.05 Discussion

11.15 Welfare of Dairy Cows in the modern dairy facility
Professor David Barrett Bsc (Hons) DBR DCHP Dip. ECBHM FHEA MRCVS. Professor of Bovine Medicine, Production and Reproduction, Bristol University

11.45 Discussion

12.00 Cow movement, accommodation and density.
Ivor Davey Bsc(Hons) Ag AnSci

12.20 Discussion

12.30 Lunch at Frogmary Green Conference Centre

14.00 Visit to Knott Oak Dairy Farm Complex
Introduction to Dillington Estate by Chris Wilson, Estates Manager.

1600 Discussions closing remarks and disperse.

PLEASE USE DISINFECTANT WHERE PROVIDED

RICS Members: This meeting qualifies for 2 hours CPD

BOOKING FORM

Please return this form with the remittance to

Alison Dominy
Lower Pound
Kentisbeare
Devon
EX15 2BG

Telephone 01884 266537 or 07810 76857

E- mail alidominy@aol.com

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Your name and address

Organisation/company.....

Telephone No: email:

Please complete below

I/we will attend the morning session Yes/ No

I /we will attend the afternoon session Yes/ No

I /we wish to book lunch, pay on the day Yes/ No

I enclose a cheque for £ _____ for ___ people

£6.00 - Members and Students

£10.00 – Non members

Please make cheques payable to RIDBA Wessex Branch

Tick here if a receipt required



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