

ADDITIONAL INFORMATION

DM/24/3112 Ludham Farm, Cinder Hill Lane, Horsted Keynes, Haywards Heath

Change of use of land for the siting of a riding arena 60m x 30m ancillary to the existing private equestrian use of the site.

1. Riding arena fencing cross-section: attached.

2. Surface: silica sand and fibre.

Light in colour.

This combination of riding surface materials is a popular choice nowadays due to its ability to address the limitations of previously popular surface materials.

It is much more resilient in all types of weather conditions, ensuring that the arena can continue to be ridden on throughout the year.

It is durable to withstand professional training of horses, provides good footing, and cushioning to prevent concussion when jumping.

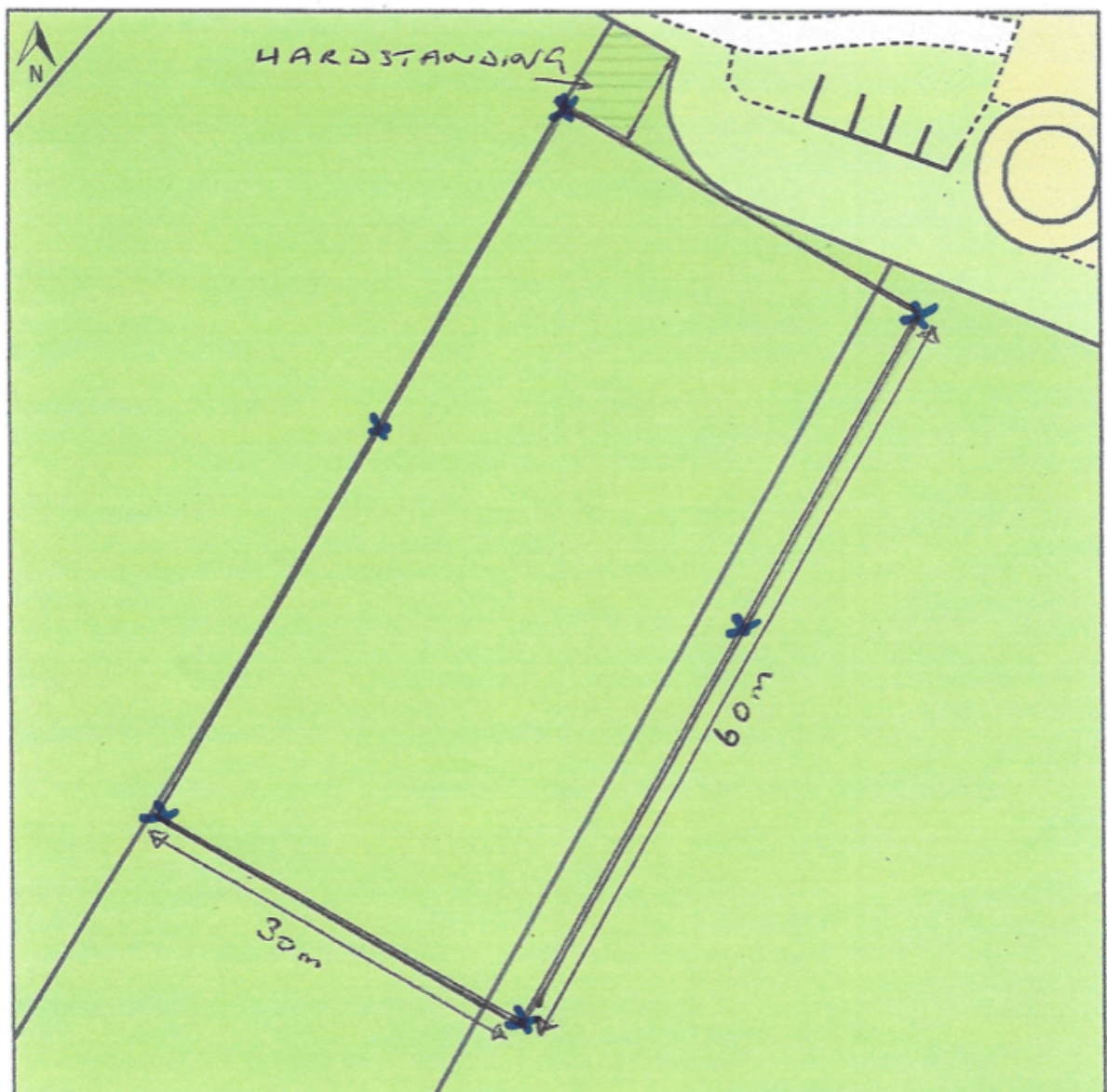
3. Lighting:

Number of lights: 1 in each corner and 1 along each long 60m side = 6 lights.

Height: lights on 5.8m poles.

Position of lights indicated by asterisk:

LUDHAM FARM, CINDER HILL LANE, HORSTED KEYNES, WEST SUSSEX, RH17 7EG



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0m 5m 10m 15m 20m 25m 30m 35m 40m

Scale: 1:500

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Design:

The Professional Solution to Equestrian Manège Lighting

Horse arenas and manege's should meet the minimum requirements of CIBSE Lighting Guide 4 for equestrian sports.

You will require an average light level of 100lux with a uniformity of 0.5 for flat work and jumping.

Shadows should be minimized as these may distract the horses.

It is important that a good uniformity is achieved with minimal shadows around any show jumping fences.

A good general uniformity is vital as poor lighting may distract the horses.

Mounting lights directly onto the fencing at low level should be avoided due to a high level of glare for both horse and rider.

The lighting poles should be set back from the fencing to allow sufficient light scope.

Telescopic mast systems extends to 6m or 8m

For jumping a lux level of 300-700 is required.

Restrictions on Use of Lighting:

The arena lighting is required only when horses have to be exercised during non-daylight hours.

Most of the year, the lighting will not be necessary. The lighting will not be needed in the mornings or weekends. It will not be necessary to use the lighting between the beginning of April and the end of September.

However, it is proposed that due to the dark nights from the 1st October to 31st March that the lighting be used from dusk (approximately 4.00pm) until 8.00pm.