



Fern Meadow, Llay

HOME FARM, GRESFORD ROAD, LLAY, WREXHAM, LL12 9NW

OUTLINE APPLICATION FOR UP TO 365 DWELLINGS AND ERECTION OF 300M2 RETAIL UNIT – ALL DETAILED MATTERS RESERVED. P/2014/0905 and APP/ H6955/A/16/3147116. Decision Dated: 26 June 2017

Condition 17: Construction Environmental Management Plan

1. Hours during which construction works are to take place:
 - Monday - Friday 08.00 – 18.00
 - Saturday 08.00 – 13.00
 - Sundays and Bank Holidays Site closed
2. Measures to ensure that potential disturbance as a consequence of construction works is kept to acceptable levels, to minimise disruption to the occupants of nearby properties from noise, dust, vibration, light and odour:

General Points

Contact information will be displayed to allow any issues to be easily and promptly reported. This will inform the public of the following:

**Bellway Main Office 0151 486 2900
2 Alderman Road, Speke, Liverpool, L24 9LR**

**Bellway Homes Customer Care Team: 0151 336 9391
2 Alderman Road, Speke, Liverpool, L24 9LR**

**Security - Marpol Security
Main Office Number 0161 737 9991
(24 hours)**

Out of Hours - Marpol Security 0161 737 9991

Mud Control – Wheel Washing Facilities

- Road cleaning will be done on a regular basis to ensure the side roads are safe and clean. A road sweeper will be deployed as and when required. This will be called off as and when required by the Site Manager.
- Wheel washing facilities will be provided at the site entrance as and when required.

Dust Control

- All staff, Visitors, sub-contractors and delivery drivers will be advised of Bellway's commitment to reduce/eliminate dust upon arrival and induction to site.
- Traffic movements give rise to dust therefore traffic routes to be maintained in a clean and tidy manner through provision of a wheel washer at site entrance and a Road Sweeper to be deployed as and when required. A Site Speed Limit of 10mph will be implemented (limiting rise of dust) with dampening down of traffic route as and when required. All delivery vehicles to be sheeted.
- Where possible dust will also be suppressed by using the following methods:
 - Water suppression for concrete products.
 - Dust extraction for cutting / sanding of timber.
 - Dust masks must be used where the above controls are not suitable.
- Sub-contractor operations
 - All Sub contractors to address to rise/ suppression of dust within all risk and method statements covering their operations.
 - All sub-contractor operatives to be advised of Bellway's commitment to reduce / eliminate dust upon induction to site.
 - Dust Suppression to be implemented on all plant where applicable.
 - Sub-contractor supervisors to ensure their operatives adhere and work to their own companies risk and method statements for all their operations.
- N.B. In Emergency Conditions:
 - No operations to be carried out in extreme / severe weather conditions.
 - Ensure site areas giving rise to dust during high winds are dampened down.
 - Ensure materials (where applicable) are covered / sheeted.
 - Loose Sands / Soils / Material spoil heaps are dampened down / covered / sheeted on site to stop the rise of dust.

Noise Control

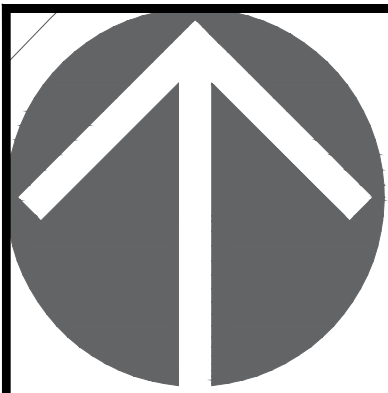
- The noise and vibration impact from the construction phase of the development has the potential to cause a short term material change to sensitive receptors near to the site, in particular the adjoining residential properties. The Site Manager will have responsibility for ensuring that nuisances and hazards arising from the site due to noise and vibration are minimised. Regular management meetings ensure that current and planned site operations which have the potential to generate noise and vibration emissions are discussed.
- Physical Control Measures: A range of physical measures are present on the site in order to mitigate the effects of noise emissions. These include:
 - As far as reasonably practical sources of significant noise will be enclosed;
 - Silencers are fitted to all machinery where possible;
 - Stationary plant such as compressors or generators will be located as far away from noise sensitive receptors as possible; and,
 - A comprehensive range of management control measures are implemented at the site including:
 - All plant, equipment, and assets will be regularly maintained to manufacturer's specifications to ensure that no item will produce excessive noise and vibration;
 - Traffic movements within the site will be limited to operational hours except in an emergency;
 - A speed limit of 10 mph is in place and enforced at the site;

- Site staff will be made aware that they are working in the vicinity of residential receptors and avoid all unnecessary noise and vibration due to misuse of tools and equipment, and unnecessary shouting or radios;
 - Site staff and Contractors will be made aware not to over-rev or keep vehicle engines running unnecessarily;
 - Staff will be correctly trained to operate plant and equipment without causing excess noise and vibration; and,
 - Plant and vehicles will be started up sequentially rather than all at once.
- If at any time it is necessary to undertake temporary actions that are likely to cause elevated noise and vibration levels, the Site Manager (or designated responsible person) will contact the Environment Agency and any other relevant parties such as the Local Authority Environmental Health Office, before such actions are taken, to inform them of the operations being undertaken and that the elevated levels will be temporary. Where practicable, such actions will only proceed when prevailing wind direction is away from sensitive receptors.

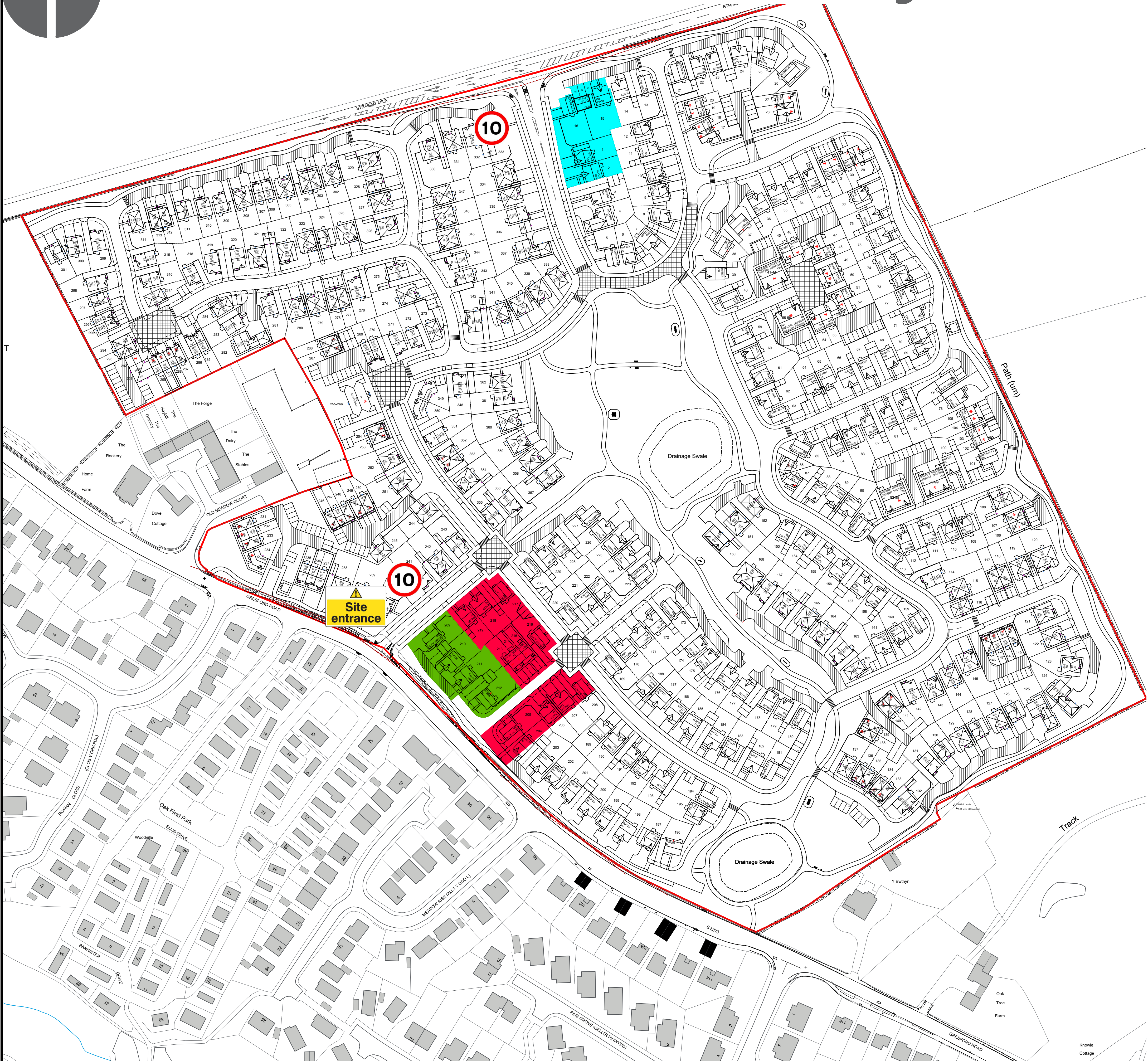
Odour Control

- No issues anticipated.
3. Proposed construction access arrangements
 - Please refer to enclosed Traffic Management Method Statement.
 4. A construction management plan setting out proposed construction vehicle routes and measures to minimise the impact on the local road network and the occupants of nearby buildings; site compound and site offices
 - Please refer to enclosed Traffic Management Method Statement and the Construction Management Plan drawing reference BH/NW/FM/CEMP-01
 5. The parking of vehicles of site operatives and visitors

Please refer to enclosed Traffic Management Method Statement and the Construction Management Plan drawing reference BH/NW/FM/CEMP-01



Home Farm Gresford Road, Llay



Traffic Management Plan Key

- Site parking
- Site Compound & Materials Area
- Bellway Permanent Sales Area
- 10mph Speed signage
- Site entrance signage

Note: To be read in conjunction with Traffic Management Method Statement.

PLOT BUILD SEQUENCE

Sales area
Plots 16 & 15 Show Homes,
Plots 1 & 2 Sales Car Park

Compound Area
Plots 213 - 219 & 204 - 208
Car Park - Plots 209 - 212

Route of Build
16 & 15 Show Homes
Foundations to Plots 1, 2, 213 - 219 & 204 - 212
14
3 - 12
17 - 20 - HA
21, 22, 23 & 13
24, 25, 26
27, 28 - HA
29 - 32 - HA
33 - 40 & 59
41 - 44 - HA Apartments
45 - 54
55 - 58 - HA Apartments
60 - 63
85, 86, 87
64 - 68
84 - 80
79 & 78
69 - 77
88 - 91
113, 112, 111
92 - 95 - HA Apartments
96 - 99 - HA Apartments
100, 111 - 108
101
102 - 105 - HA
153 - 161
174 - 188
195 - 189
196 - 203
169 - 173
220 - 230
Compound Plots 204 - 219
Sales Car park 1 & 2
CML 16 & 15 Show Homes

NOTES
1. No dimensions are to be measured from this drawing.

Rev	Date	Amendment	Chk'd
Bellway (North West Division) (a member of Bellway Plc Group of Companies) Bellway Homes Ltd 2 Alderman Road, Liverpool Merseyside, L24 9LR Tel: 0151 4862900			
Project Fern Meadow Llay			
Subject CEMP			
Scale 1:1000@A1	Date SEP 2018	Drawn CO	Checked
Drawing No. BH/NW/FM/CEMP-01		Revision -	
Note All specifications, materials and workmanship to be in accordance with current NHBC and Building Regulations. Main drainage to comply with Sewers for Adoption current edition. Highways to be in accordance with Local Authority specification. Do not scale from this drawing. All dimensions to be verified with the drawing office. Original Sheet Size A1 Do Not Scale From This Drawing			

METHOD STATEMENT

TRAFFIC MANAGEMENT METHOD STATEMENT FOR FERN MEADOW, GRESFORD ROAD, LLAY, LL12 0NE.

ACTIVITY	CONTROL METHOD
1. The control of contractor, visitor's and staff vehicles to and from site. <u>NOTE: ALL CONSTRUCTION RELATED TRAFFIC TO ENTER SITE VIA GRESFORD ROAD ONLY.</u> <u>ALL CONTRUTION RELATED TRAFFIC TO EXIT FROM SITE VIA GRESFORD ROAD.</u> <u>NOTE: APPROPRIATE SHEETING OVER OF OPEN VEICHLES DURING TRANSIT OF GOODS AND MATERIALS</u> <u>NOTE: EXCLUSION ZONES MAY BE IN OPERATION TO BE ADVISED UPON ARRIVAL / INDUCTION ONTO SITE.</u> <u>NO PARKING ON FAIROAKS CRESCENT OR OAKFIELD PARKHOME ESTATE.</u>	a. All visitors, contractors and staff to report to site office upon arrival b. All visitor/contractors vehicles are to park in designated areas on site. No parking or stopping on Gresford Road or Straight Mile (B5102). c. All site operatives/visitors to be inducted upon arrival with emphasis placed on the rules and regulations regards to the traffic management system and exclusion Zones d. <u>10-mph</u> speed limit in force on site road e. All contractors to be advised of traffic management system and exclusion Zones on all orders. f. All employees, contractors and visitors to wear high visibility vests or jackets on site. Along with appropriate footwear and helmets. g. Entrance roads to be kept clean and free of obstructions. Pedestrians to be separated from traffic by means of a suitable barrier. h. Gresford Road / Straight Mile (B5102) to display appropriate warning signage (danger site entrance etc).
2. Transportation of materials plant and equipment to and from the Development and compound/site areas <u>NOTE: ALL CONSTRUCTION RELATED TRAFFIC TO ENTER SITE VIA GRESFORD ROAD ONLY.</u> <u>ALL CONSTRUCTION RELATED TRAFFIC TO EXIT FROM SITE VIA GRESFORD ROAD</u> Note – Strictly No Parking/or Unloading / Stopping on Greford Road / Straight Mile (B5102) <u>Cont -</u>	a) Delivery vehicles advised - * Delivery times not before 7.30am or after 5.00pm Monday to Friday * or Before 8.00am or after 1.00pm Saturday. b) All Deliveries to be advised to site 24Hrs prior to delivery. c) Restrictions on delivery times to be advised to all suppliers on official orders along with traffic management rules and regulations prior to delivery to site. d) Delivery points to be identified by means of clear signage. e) Speed restrictions on all internal site roads to be enforced <u>10MPH</u> f) Warning signage to be displayed warning of site entrance on Gresford Road/ Straight Mile (B5102) warning of site entrance and exit.

Cont –

- a) **All Suppliers to be advised on official orders.**
- b) **All contractors to be advised on official orders (note contractor to advise all own deliveries of traffic restrictions)**



Danger Over-head power lines along Gresford Road.

3. The control and protection of public footpaths across the development.

- g) **No parking on Fair oaks crescent or Oakfield Park House allowed.**
- h) **All roads to be kept clean and free from mud and debris by means of a road sweeper to be deployed as required.**
- i) **Wheel washing facilities (Jet wash) to be deployed as required, to remove mud and debris from vehicles exiting the development area.**
- j) **All delivery drivers / suppliers to be advised of traffic restrictions on all purchase orders.**
- k) **All delivery drivers / suppliers to be advised "Parking, Unloading or Stopping on Gresford Road / Straight Mile (B5102), on all purchase orders.**
- l) **All Delivery Vehicles to enter site via Gresford Road.**
- m) **All Delivery Vehicles to Leave Site Via Gresford Road (Advised upon entry to site.**

NOTE: APPROPRIATE SHEETING OVER OF OPEN VEHICLES DURING TRANSIT OF GOODS AND MATERIALS

NOTE: EXCLUSION ZONES MAY BE IN OPERATION TO BE ADVISED UPON ARRIVAL / INDUCTION ON

- a. **Gresford Road to be kept free from traffic**
- b. **All footpaths** to be identified and kept clear for pedestrian access. Pedestrians to be separated from site hazards by means of appropriate fencing or barriers. Warning signage is to display.
- c. **Separate Pedestrian entrance** onto site.
- d. **Crossing Points** across site entrance to display appropriate warning signage to warn of Pedestrian and Vehicle movements.
Site entrance to be kept clean and free of debris by means of a road sweeper to be deployed as required.

ACCEPTED ON BEHALF OF (NAME OF COMPANY)

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SIGNED

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PRINT NAME

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DATED

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