



SG ESTATES

AWARD WINNING HOUSING DEVELOPER

**THE PAVILIONS
BRYN Y GROES
CHESTER ROAD
GRESFORD
WREXHAM
LL12 8TN**

TRAFFIC MANAGEMENT PLAN

P/2014/0671

NOVEMBER 2015



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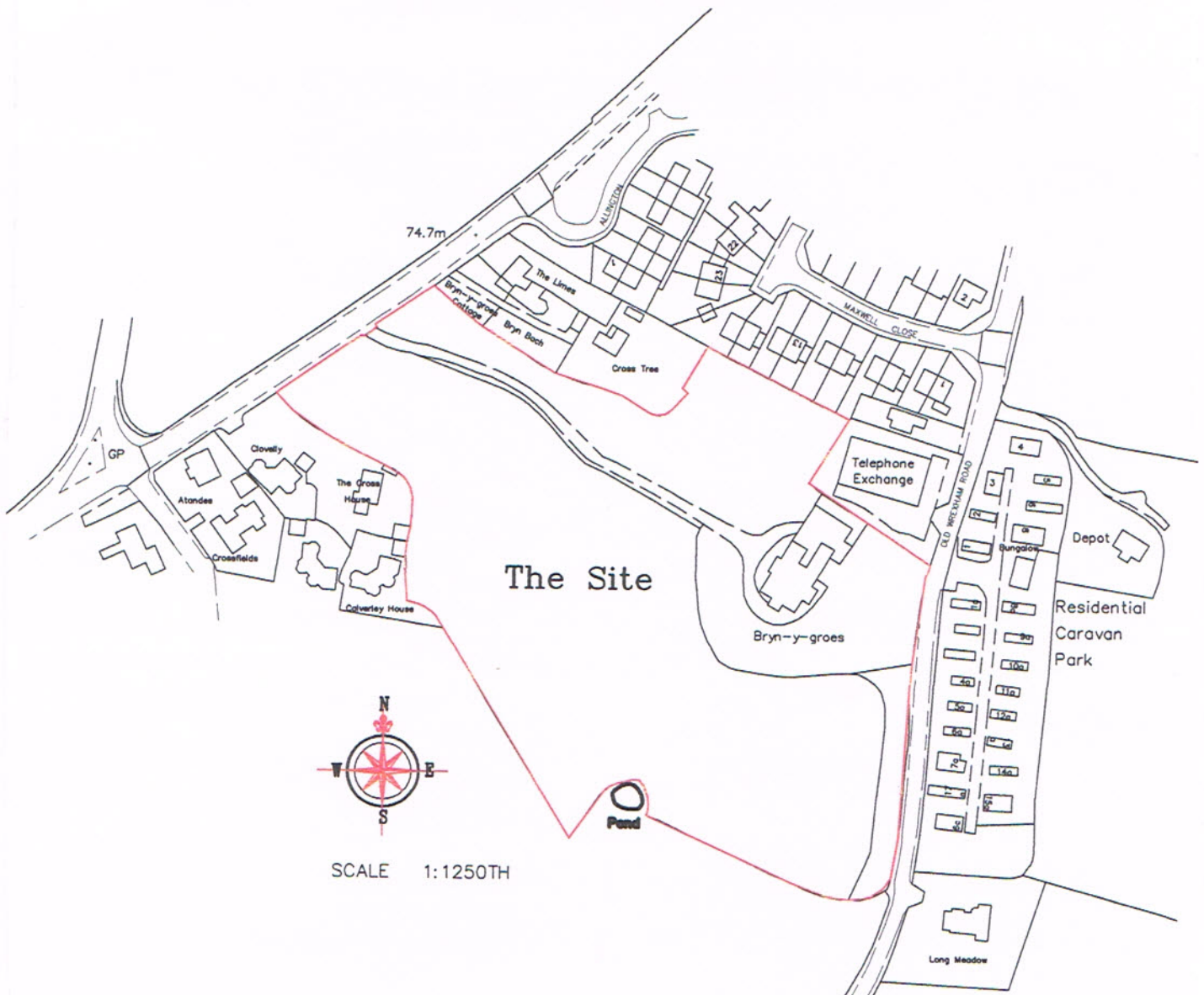


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1. Site Location

- 1.1 The development is located in the village of Gresford, North Wales, approximately 2 miles from Wrexham. The site is on the B5445 Chester Road.





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2. Traffic Management Plan

2.1 The Traffic Management Strategy for the site is one of minimising the interface wherever possible between the public and site traffic and reducing the number of deliveries where practicable, including the staging of deliveries such that the volume of traffic is kept as even as possible avoiding peaks and controlling vehicular movements on site.

2.2 Each year around 70 people are killed or injured in the UK by vehicles at work. This document provides the control measures that will be implemented and highlights the points of consideration and necessary action. Avoiding hazards and controlling the risks arising from the use of the vehicles in construction work is essential therefore the Traffic Management Plan should include:

- Planning and managing vehicles and pedestrian routes
- Elimination of reversing where possible
- Safe driving and working practices
- Protection of the public
- Adequate vision and line of sight with proposed visibility splays of 2.4 x 56m on B5445 to be permanently maintained throughout both the construction period and after completion
- Provision of site access signs at 50m and 100m and barriers.
- Access design including width of 5.5m, setting back of gates, hard bound surfacing of access, draining etc as per Section 38 plan.
- Adequate parking and off loading/storage areas. See TMP
- All deliveries, operatives and visitors to site will report to the Site Manager. They will be informed of emergency procedures, assembly points, First Aid, site rules, use of pathways, etc.
- All trade contractors should agree to delivery schedules within working hours and advised of the delivery area.
- No lorries should be allowed to lay-up on surrounding roads.

3. Site Administration

3.1 Responsibility for construction traffic movement is that of the Site Manager who will ensure:

- Subcontractors and suppliers adhere to procedures as set out and book in.
- Prevent unauthorised persons parking and the congestion of traffic.
- Maintain roads in a clean and safe condition.



4. Pedestrian Routes

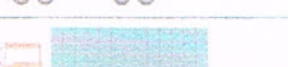
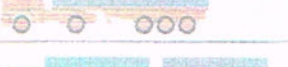
4.1 All pedestrian routes should be kept separate from vehicular routes and kept free of obstructions and clearly signed. They should have clear view of traffic movements.

- Ensure routes are clearly designated and protected.
-
- Routes allow safe access.
-
- Access routes to be kept clear.
-
- Ensure sufficient signage.
-
- Ensure sufficient crossing points are planned for.
-
- Provide safe routes at parking areas.

5. Vehicle Routes

- Ensure routes are clearly designated and pedestrians protected.
-
- Plan routes to allow safe access
-
- Keep access routes clear
-
- Ensure sufficient signage with Site Access signs at 50m and 100m.
-
- Ensure crossing points are planned for.
-
- Plan route to reduce or eliminate reversing.
-
- Ensure sufficient parking is provided.
-
- No access to construction vehicles to be permitted off Old Wrexham Road.
-
- Consider wheel wash facility as indicated on plan
-
- Road sweeper to be utilised daily if required to keep road free from debris/mud.

A SIMPLIFIED GUIDE TO LORRY TYPES AND WEIGHTS

Recommended Description			Identifier	UK Maximum Gross Weight (tonnes)	Shape	Dwell Time ON SITE	VISITS PER DAY
LIGHT GOODS VEHICLES			2 axles	3.5	no rear side windows 		4
L O R R I E S	HEAVY GOODS VEHICLES	SMALLER 2-AXLE LORRIES	2 axles	Over 3.5 7.5		20 mins	2
		BIGGER 2-AXLE LORRIES	2 axles	Over 7.5 18		20 mins	1
		MULTI-AXLE	3 axles rigid	25 26*		20 mins	1/week
	3 axles artic.		26		40 mins	2/month	
	4 axles rigid		30 32*		20 mins	1	
	4 axles artic.		36 38*		40 mins	2/month	
	Vehicle and draw-bar trailer 4 axles		30 36**		/	/	
	AXLE LORRIES	5 axles or more artic. See note (a)	40		40 mins	1/month	
		Vehicle and draw-bar trailer 5 axles See note (a)	40**		/	/	
		6 axles artic. See note (b)	41*		/	/	
		6 axles draw-bar See note (b)	41* and **		/	/	
		5 or 6 axles artic. See notes (b) and (c)	44* and ***		/	/	
		6 axles draw-bar	44*,** and ***		/	/	
		6 axles artic. See note (b) and (d)	44*		/	/	
		6 axles draw-bar See note (b) and (d)	44* and **		/	/	

* If the driving axle, if it is not a steering axle, has twin tyres and road friendly suspension, or each driving axle is fitted with twin tyres and the maximum weight for each axle does not exceed 8.55 tonnes.

** Distance between the rear axle of the motor vehicle and the front axle of the trailer is not less than 3 metres.

*** If the vehicle is being used for combined transport.

(a) 5 axles or more artic and the 5 axles or more drawbar could alternatively have a 3 axle motor vehicle and a 2 axle trailer.

(b) Conditions:

- each vehicle must have at least 3 axles.
- drive axle has twin tyre and road friendly suspension and maximum of 10.5 tonnes, or each driving axle is fitted with twin tyres and has a maximum of 8.5 tonnes
- trailer has road friendly suspension

(c) Conditions for operation on 5 axles:

- must have 3 axles on tractor unit
- single container 40ft in length conforming to standards laid down by the International Standards Organisation being carried only
- vehicle being used for international journey.

(d) Powered by a low pollution engine.



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6. Vehicle Movements **Annex 3**

- Ensure sufficient space to turn with turning head provided as per plan.
- Ensure safety/warnings of others if vehicle has to reverse
- Ensure access routes are kept clear
- Provide sufficient signage on approach to site as detailed
- Ensure crossing point is planned.
- Anticipated daily vehicular movements: cars x4; light 3.5 t x 4 (site staff and subcontractors working); <7.5 t x2 20 minutes; <18 t x1 20 minutes
- Deliveries will be staggered to ensure one construction vehicle at any one time on site.

7. Works

- All works, including deliveries to and/or from the site, shall be undertaken only between the hours of 07.30 and 18.00 Monday to Friday and 08.00 to 14.00 on a Saturday and at no time on a Sunday or a Bank Holiday.
- There are no schools in the direct vicinity of the site, although care will be taken to mitigate traffic issues during morning and evening rush hours.

8 ANTICIPATED CONSTRUCTION PERIOD

- Phase 1: January 2016 to March 2017
- Phase 2: March 2017 to April 2018

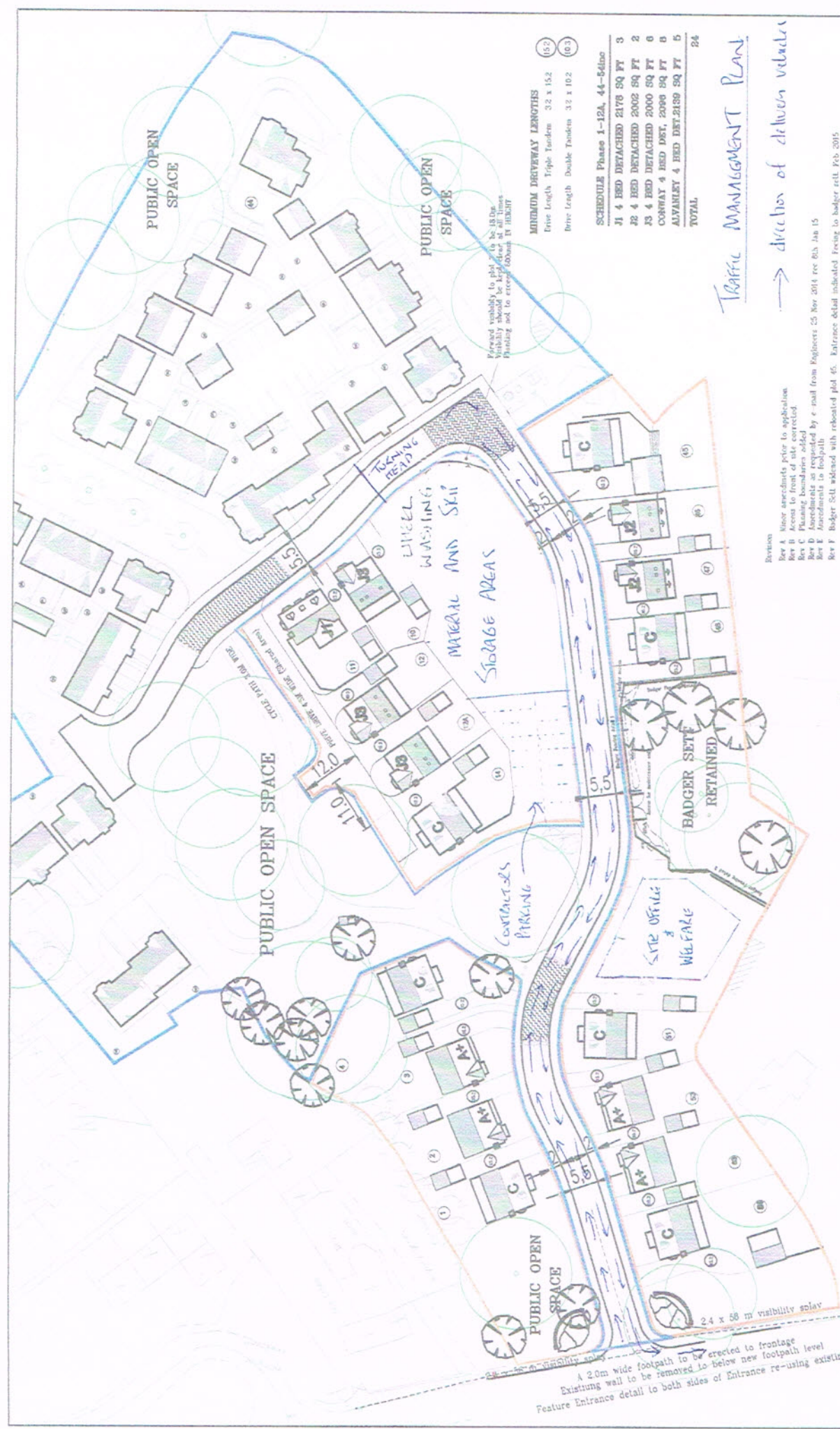


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9 Response to LA query list dated 10th Nov.

- 9.1 Temporary and permanent Access arrangements see TMP
- 9.2 The 2.4 x 56m visibility splay at the front of the site will be provided during the construction period.
- 9.3 See CTMP and TMP 2 for details at entrance
- 9.4 Details of vehicular sizes indicated in schedule attached See annex 3 page 6
- 9.5 See Item 8
- 9.6 See Schedule Annex 3 page 6 for sizes number of visits and timings where possible
- 9.7 For permanent vehicles on site and visiting vehicles see Annex 3 Page 6
- 9.8 Contractors parking provision on site is greater than 6 vehicles. See ctmp and turning facility for larger vehicles see tmp3 at end of main road
- 9.9 See tmp 2 indicating signage and location at entrance
- 9.10 Wheel washing facility at end of road. Main entrance and main road to be kept free of debris and mud. Road sweeper will be available and on call as and when required.
- 9.11 There will be no access from Old Wrexham Road on to the site.



MINIMUM DRIVEWAY LENGTHS

Tree Length	Triple Tundens	3.2 x 15.2
Tree Length	Double Tundens	3.2 x 10.2

SCHEDULE Phase 1-12A, 44-54line

J1 4 BED DETACHED	2178 SQ FT	3
J2 4 BED DETACHED	2002 SQ FT	2
J3 4 BED DETACHED	2000 SQ FT	0
CONWAY 4 BED DET.	2098 SQ FT	0
ALWAYLEY 4 BED DET.	2139 SQ FT	5
TOTAL		24

Traffic Management Plan

→ direction of delivery vehicles

Revision
 Rev A Minor amendments prior to application
 Rev B Access to front of site corrected
 Rev C Planning boundaries added
 Rev D Amendments as requested by e-mail from Engineers 25 Nov 2014 rec 6th Jan 15
 Rev E Minor amendments to landscaping
 Rev F Badger setts widened with relocated plot 45. Entrance detail indicated. Treing to badger sett. Feb 2015



SUGGESTED AREAS OF TREE PLANTING

Tree to be removed

Signage in each direction on main road indicating Site access ahead at 100m & 200m

CARTWRIGHT
 architects & planning services
 90 With Road, Walsley, Gushin, CV8 7JS
 Telephone and Fax 01929 39217 or 01929 21408
 E-mail - info@cartwrightplanning.com

CLIENT
 M & M Jones Developments Ltd

CONTACT
 Bryn Y Groes,
 Charter Road, Greenford
 Wrexham LL12 8UA

DATE
 August 2014

FILE P

PROJECT TITLE
 Planning Layout

SCALE
 1:500

A 2.0m wide footpath to be erected to frontage
 Existing wall to be removed to below new footpath level
 Feature Entrance detail to both sides of Entrance re-using existing stone

90 Main Road, Wyubury, Cheshire. CW5 7LS
Telephone and Fax No. 01270 363217 or 07917672498
E-mail - robert.cartwright66@btinternet.com

CLIENT

S. G. Estates Ltd.
M & M Jones Developments Ltd

CONTRACT

Gresford Wrexham

DWG TITLE:

Traffic Management Plan
Access Details

SCALE: 1:500 ● A3 DWG No.

DATE: Nov 2015 TMP 2

Site Entrance
Mynediad
100 metres



Site Entrance
Mynediad
50 metres

3

Site Entrance
Mynediad
100 metres

4

Site Entrance
Mynediad
50 metres

2

Site Entrance
Mynediad
100 metres

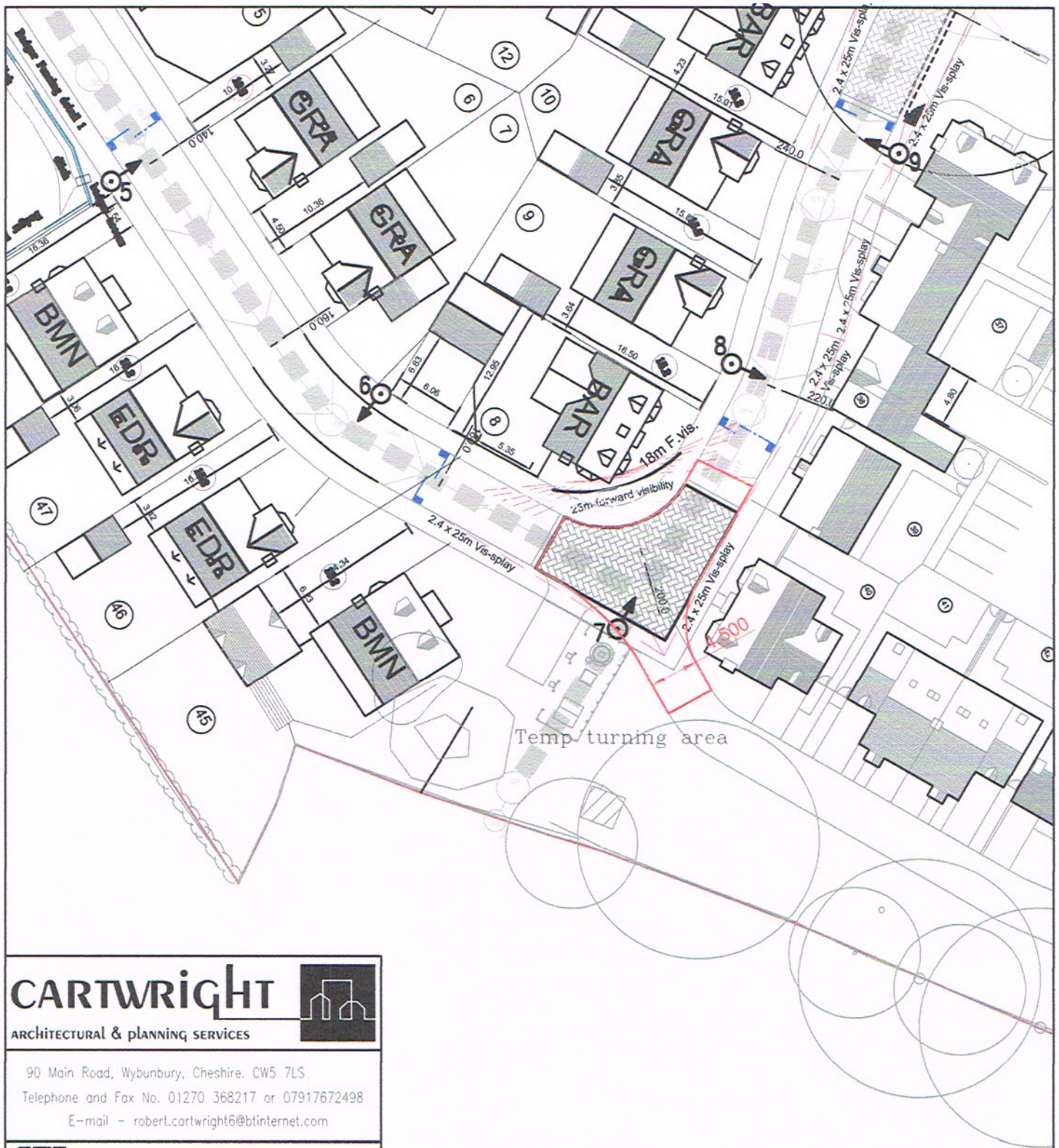
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Road markings to comply with the Traffic Signs
Regulations & General Directions 2002 and Traffic
Signs Manual (Chapter 5) Road Markings 2003

2,000
visibility splay
2.4 x 56 m 2,000
Existing footpath along
Chester Road to be
widened

Proposed
footway/cycleway will be
constructed to adoptable
footway standards

Clovelly



CARTWRIGHT	
ARCHITECTURAL & PLANNING SERVICES	
90 Main Road, Wybunbury, Cheshire. CW5 7LS Telephone and Fax No. 01270 368217 or 07917672498 E-mail - robert.cartwright6@btinternet.com	
CLIENT S. G. Estates Ltd. M & M Jones Developments Ltd	
CONTRACT Gresford Wrexham	
DWG TITLE: Traffic Management Plan Temp Turning head	
SCALE: 1:500 @ A3	DWG No.
DATE: Nov 2015	TMP 3