50.00	
shrub landscaping	
<b>group 1</b> (plants between 0-´-1m high)	
proposed planting to be a selection of:-	
shrub type description	initial density planting per sqm height (cm)
cotoneaster horizontails creeping or horizontally spreading half e flowers in june.	15 - 30 3 vergreen shrub up to 50cm high,
hypericum calycinum stoloniferous subshrub,approx. 40-60cm	15 - 30 3 high, flowers in july-september,
evergreen foliage for massing with golden flowers.	
ribes alpinum deciduous shrub rarely slightly more tha ground. flowers april-may.	15-30 4 an 1m high, branching from the
juniperus horizontails	15-30 2
prostrate evergreen shrub with very asc very occasionally up to 1m high. spread	
<b>group 2</b> (plants between ´-1´m high)	
proposed planting to be a selection of:-	
shrub type description	initial density planting per sqm height (cm)
mahonia aquifolium evergreen, holly like leaves spreading a	45/60 3 nd grows well in shade and
under trees. flowers in march-april 1-1.5m high.	
cotoneaster integerrimus upright deciduous shrub foliage of loose berries. flowers in may. 1-2m high.	45/60 3 e habit, good tillage and colourful
ribes nigrum upright, unarmed deciduous shrub, flow flowers in april-may.	45/60 4 aring currants 1-2m high.
spiraea media low, semi upright deciduous shrub (som flowers in april-may 1-1'm high.	30/45 4 etimes of spreading habit)
pontentilla fruiticosa low compact twiggy shrub barely 1m hig flowers from may to september.	30/45 4 gh, long flowering yellow blooms,
ribes petraeum upright or prostrate deciduous shrub (de 1.5m high. flowers in may.	30/45 3 pending on the situation) up to
group 3 (plants between 1-2m high)	
proposed planting to be a selection of:-	
shrub type description	initial density planting per sqm height (cm)
pontentilla fruiticosa low, compact, twiggy shrub barely 1m h	30/45 4 igh,long flowering yellow
blooms. flowers from may to september.	
ribes petraeum upright or prostrate deciduous shrub (de 1.5m high. flowers in may.	30/45 3 pending on the situation) up to
spirea media low, semi upright deciduous shrub (son flowers in april-may 1-1'm high.	30/45 4 etimes of spreading habit)
spriea salilifoua twiggy deciduous shrub, 1-2m high, spre flowers in june-august.	45/60 3 eading by under ground runners,
cotoneaster integrrimus prostrate as well as upright deciduous s flowers in may.	45/60 3 hrub of loose habit. 1-2m high
physocarpus opulifolius dense, twiggy deciduous shrub, 1-2m hi	45/60 3 gh, flowers in june.
<b>group 4</b> (plants between 0-2m high) selected as suitable for shaded location:	ŝ
cotoneaster salicifolius	15-30 3
mahonia aquifolium	15-30 3

## 1. plant stock and timing all plants and planting shall conform to bs 3936 and bs 5236, to be container-grown stock where planted between mid-march and october. it is strongly advised that all planting be undertaken between november and january, when the ground is free from frost and snow, when there is no drought and in the absence of severe waterlogging. soil shall be clear of building debris and contaminants detrimental to plant health, e.g. oil, builder's sand and cement. imported topsoil shall be provided where existing topsoil is unsatisfactory. all soil shall conform to bs 3882, be of good quality, weed and stone free, to the following depths: tree pits : 0.80 - 1.00 metre

## 0.25 - 0.30 metre 0.10 - 0.15 metre shrub beds grass areas

- 2. herbicide treatment prior to planting, all areas to be kept weed-free. herbicide treatment must comply with the 1986 pesticide regulations and the type of herbicide needed will depend on the weed problem and time of year. where weeds are well established a total systemic herbicide may be used, e.g. glyphosate, which can take 14 days to be effective.
- 3. tree planting tree sizes must be clearly stated on planting plan. in housing areas all trees shall be at least standards, to a minimum girth of 8-10cm and, where trees may be subject to vandalism, 12-14cm girth, with a metal tree guard, e.g. jackson's heavy gauge, pre-galvanised, 1.7m high x 200mm diameter, tel: ashford (01233) 75393. all to be staked (non excepted) tid and receive a rehibit guard for the staked (non-creosoted), tied and receive a rabbit-guard.
  - trees trees planted in open ground should be protected from weeds with individual mulching mats or mulching materials or regularly herbicide treated in the early years. mulch-mats are available from: acorn planting products - tel: (01508) 28763, a'dara polo initia do init
  - 5. bare root stock all bare root stock should be soaked in water immediately prior to planting and, if delays prior to planting are foreseen, soaked in broadleaf root dip, 1kg:150l water, for details contact agricultural polymers ltd - tel: gloucester (01452) 21733. during transit all root-balls must be protected in sealed polythene bags.
  - 6. soil texture to improve soil texture in tree pits a 50:50 backfill material with a to improve soil texture in tree pits a 50:30 backhill material with a compost, e.g. fisons tree planting and mulching compost, at 10 litres per tree pit for transplants and 80 litres (1 bag) for standards and heavy standards. contact fisons plc, horticultural division - tel: ipswich (01473) 830492. alternatively a non-peat based compost can be used, e.g. natgro by hemsby biotech Itd - tel: ramsey (01487) 842562, or cowpact by coupact bit, tel: hoteck (01429) 8473(8). cowpact ltd - tel: adstock (01280) 847749, or mushroom compost, locally witton & frost - tel: stanton (01359) 50309.
  - water retention to improve water retention in the soil use broadleaf p4 water storing granules. the granules are mixed with pit soil at a rate of 1 gm per litre of planting medium. so, for a standard tree with a pocket 1 x 1 x 0.75m = 750 litres of soil = 750gm of broadleaf p4, less a 25%
  - proportion for the root-ball. for details contact agricultural polymers Itd tel: gloucester (01452) 21733. 8. nutrient capacity to increase nutrient capacity, incorporate slow release fertilizer with
  - pit soil at time of planting or on surface subsequently, e.g. enmag at a surface rate of approximate 100gm/mž, produced by ici tel: farnham (01252) 733919. shrub planting individual plant sizes and centres must be clearly stated on planting
  - plan. for general guidance, shrub planting shall be to the following densities: large shrubs: 2 or 3 per m<sup>2</sup> smaller shrubs 3 or 4 per m<sup>2</sup> ground cover: 4 or 5 per m<sup>2</sup> hedgerow planting spaced at 400mm centres climbers: min of 2 per climber area
  - 10. shrub beds to improve soil texture in shrub beds, treat with compost (see 9 above) applying 80 litre bag at over 5-6m<sup>2</sup> or 5cm layer spreading evenly and incorporating into the top 200-300mms.
  - 11.water granules shrub beds may also receive broadleaf p4 water storing granules applied to soil at 50 gms per m<sup>2</sup> and cultivated into the top 20cms of
  - 12.hedgerow planting hedgerow planting should be protected by 60cm rabbit-guards, supported by a bamboo cane. weed prevention is most effective with a mulch roll, e.g. acorn planting products or somerford, alternatively careful and regular herbicide spraying during the following 3
  - summers. 13.shrub beads
  - shrub beads can be laid with a 7.5cm layer of bark mulch, to prevent a weed problem and provide an attractive finish, e.g. cambark 100 from camland products ltd tel: newmarket (01638) 721100, woodgrow horticulture pic - tel: derby (01332) 516392, woodland bark - tel: caistor (01472) 89457, woodgrow horticulture - tel: derby (01332) 516392.

## 14. existing trees, hedges & planting

30-45 4

ulex europaeus

 1:2500
 0

 1:1250
 0

 1:500
 0

 1:200
 0

 1:100
 0

50m 25m 5m 10m 2m 4m 1m 2m 0.5m 1m

100m | 50m 20m | 8m 4m |

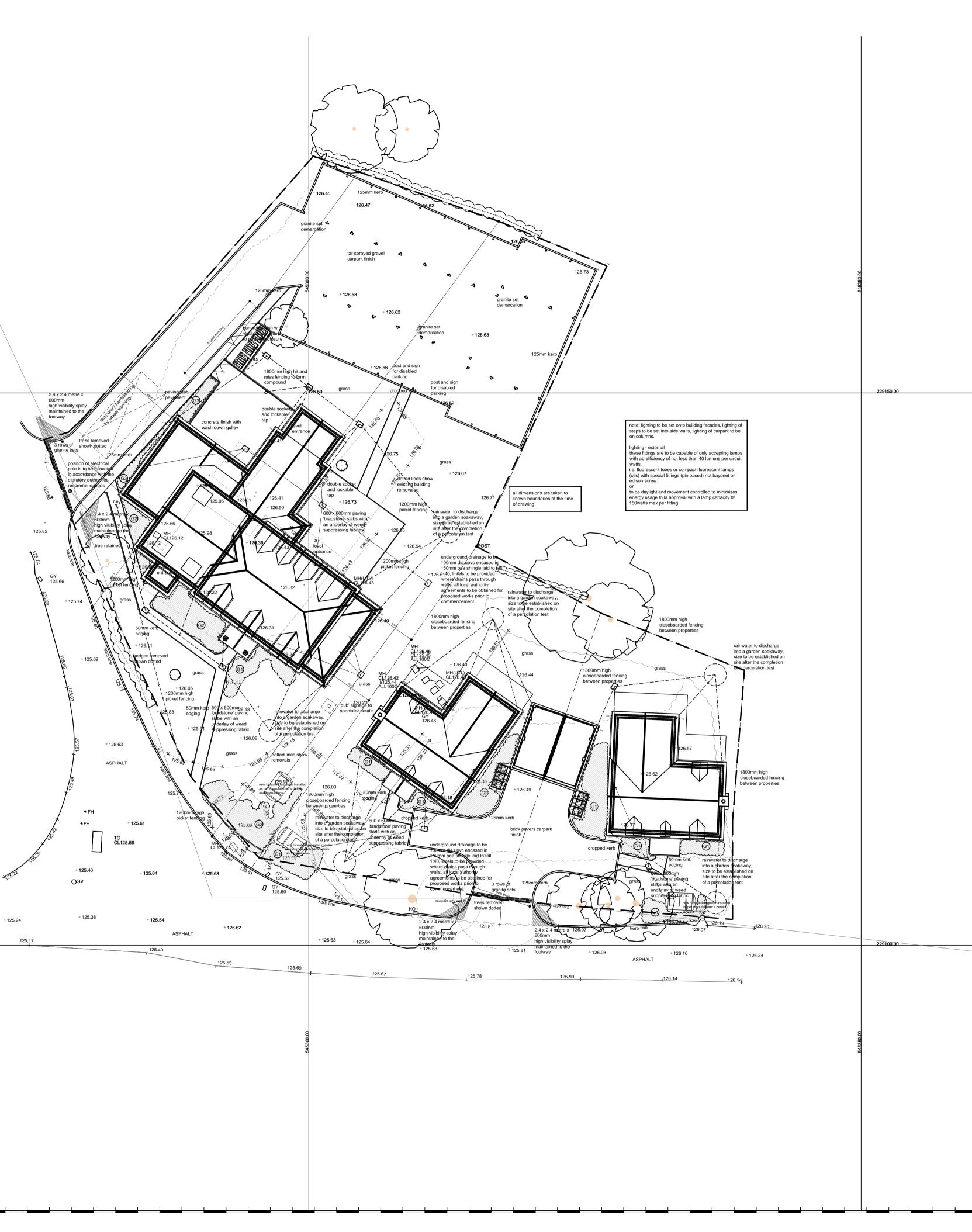
200m 100m 40m 12m 8m

group 5 (climbers)

parthericocissus tricupidata 'veitchii' an

hedera colchica 'sulphar heart'

Where trees are to be retained the root plates, trunks and canopies should be adequately protected from damage before any works start on site. This can be achieved by erecting robust fencing to the outermost spread of the canopy, e.g. 1.2m high chestnut paling attached to post and rail fencing retained for the duration of the works. Within the fenced and rain renorms retained to the duration of the works. Within the renord area no works should take place, no materials stored, mixed or disposed of, no machinery or site-huts located, no ground level changes or service trenches dug. Reference should be made to the NHBC Practice Note 3 (1985) Building Near Trees and BS 5837 : 2012, Trees in Relation to Construction.



1:2500 1:1250 1:500 1:200 1:100 1:50	notes: any discrepancies should be reported	
000000 2 2 2	immediately all dimensions should be checked on site prior to	
50m 25m 10m 5 2m 2m 2m 1m 0.5m	commencement of work	
	site/survey based on ordnance survey information provided by prodat systems plc, (www.promap.co.uk) prodat does not guarantee that all past or current uses or features will be identified in the product	
100m 20m 20m 8m 4m 22m	the product does not give details about the actual state or condition of the site nor should it be used or taken to indicate or exclude actual suitability or unsuitability of the site for any particular purpose, or relied upon for determining salability or value, or used as a substitute for any physical	
200m 140m 8 m 4 m	investigation or inspection. drawings to be read in accordance with the dwelling emission rate (der/ter) calculation. the building must be built 'as designed' meeting the criteria set for air permeability.	
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-	when printing off pdf's. it is the responsibility of the user to verify that the resulting prints are to scale on the appropriate sized sheet. also that the scale bars on the plan measure correctly.	
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-	05.02.14       Amendments in accordance with MLM letter dated 30th January 2014       A         30.04.14       Kerb added, site lines added, scale amended       B         08.05.14       Access width amended, footpath width amended in accordance with highway's comments.       C         08.05.14       Amended in accordance with notes from highways       D	
	Hertford	
_	Architecture & Planning	
-	Westgate House, 37–41 Castle Street, Hertford, Herts SG14 1HH Tel: 01992 552173 Fax: 01992 587643 Email: contact@hertfordplanning.co.uk www.hertfordplanning.co.uk	
-	Chartered Institute of Architectural Technologists	
_	Client Winchmore Developments Ltd	
-	Description Project The Cock Public House	
-	Stocking Pelham SG9 0HZ	
	Drawing Working Drawing External Works	
-	Date 08/05/14 Scale 1:200	
-	Sheet size A1 Drawn RG	
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