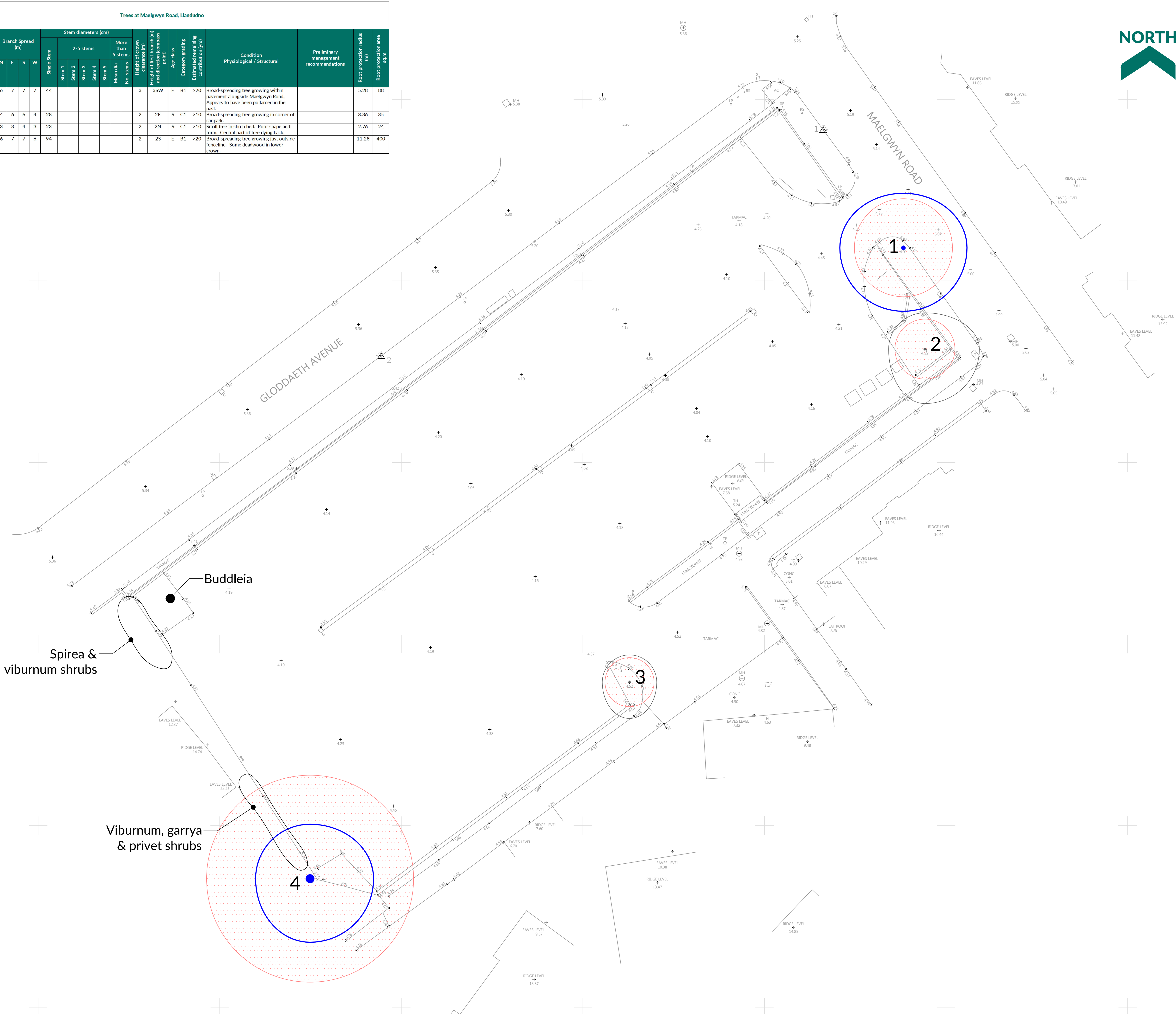


Tree No.	Species	Ht (m)	Branch Spread (m)			Stem diameters (cm)	Preliminary management recommendations	Condition Physiological / Structural	Estimated remaining contribution (yrs)	Category grading	Height of first major branch and direction (compass point)	Height of crown clearance (m)	No. stems	Age class	Root protection radius (m)	Root protection area (sqm)					
			N	E	S												W				
			Single Stem	2-5 stems	More than 5 stems																
1	Wych elm	13	6	7	7	7	44						3	3SW	E	B1	>20	Broad-spreading tree growing within pavement alongside Maelgwyn Road. Appears to have been pollarded in the past.		5.28	88
2	Ash	10	4	6	6	4	28						2	2E	S	C1	>10	Broad-spreading tree growing in corner of car park.		3.36	35
3	Norway maple	5	3	3	4	3	23						2	2N	S	C1	>10	Small tree in shrub bed. Poor shape and form. Central part of tree dying back.		2.76	24
4	Montrey cypress	14	6	7	7	6	94						2	2S	E	B1	>20	Broad-spreading tree growing just outside fence-line. Some deadwood in lower crown.		11.28	400



- NOTES**
- The original of this drawing was produced in colour - a monochrome copy should not be relied upon.
  - Scale for planning purposes only.
  - All dimensions to be checked on site.
  - The copyright of this document resides with Keen Consultants unless assigned in writing by the company.
  - Details shown on this drawing are devised with reference to BS5837:2012: Trees in relation to design, demolition and construction - Recommendations.
  - Check if Tree Preservation Order or Conservation Area protection applies to trees before undertaking tree works.
  - Topographical survey based on CPLS drawing number 120320CP-01.

- KEY**
- Trees to be considered for retention:
    - Tree Category A 1.2 or 3 - Trees of high quality
    - Tree Category B 1.2 or 3 - Trees of moderate quality
    - Tree Category C 1.2 or 3 - Trees of low quality
  - Trees unsuitable for retention:
    - Tree Category U - Trees that cannot realistically be retained due to their condition
  - Protection Areas:
    - Root Protection Area (RPA)
  - Tree/Hedge numbering:
    - 1 - Tree number
    - refer to schedule for information

**KEY TO TREE SCHEDULE**

Column Heading	Explanation
Tree No.	Unique number corresponding with number on plan
Species	English names
Ht (m)	Height in metres
Branch Spread	Crown radius in metres to cardinal points of the compass
Stem Dia	All measurements conform to Annex C of BS 5837:2012
	Single stem - Stem diameter in centimetres measured at 1.5m above ground level
	Multi-stemmed tree with 2 to 5 stems - Diameter of each stem
	Multi-stemmed tree with more than 5 stems - Average stem diameter and number of stems
Height of crown clearance	Height in metres between the ground and underside of canopy
Height of first major branch and direction of growth	Height from ground level to base of first major branch and the approximate direction of growth
Abbreviations as suffix to a dimension	Suffix 'e' denotes an estimated dimension
Age Class	Suffix 'av' denotes an average dimension
	Age Class definitions:
	Y = Young S = Semi-mature E = Early mature M = Mature O = Over mature
Category grading and Estimated remaining Contribution (yrs)	Summary of BS 5837: 2012 categorisation:
	1. Trees unsuitable for retention:
	U = those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years
	2. Trees to be considered for retention:
	A1, 2 or 3 = trees of high quality (substantial contribution >40 yrs)
	B1, 2 or 3 = trees of moderate quality (significant contribution >20 yrs)
	C1, 2 or 3 = trees of low quality (but adequate, ie > 10 yrs or young trees - until new planting can be established)
Estimated remaining contribution	Note: Useful estimated remaining contribution of the tree or tree group based on figures stated in BS5837:2012
Condition	Brief description including physiological and structural defects
Preliminary management recommendations	Describes current arboricultural requirement for the tree in its current context
Root Protection Radius	Radius of minimum root protection area in metres calculated from section 4.6 and Annex D of BS5837:2012
Root Protection Area	Total area of minimum root protection area extrapolated from root protection radius

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**McCarthy Stone**

Project  
**LAND AT MAELGWYN ROAD, LLANDUDNO**

Title  
**TREE CONSTRAINTS PLAN**

Date Scale  
APRIL 2021 1:200@A1

Drawn by Checked by  
ML JTK

Drawing Number  
**1628-KC-XX-YTREE-TCP01Rev0**