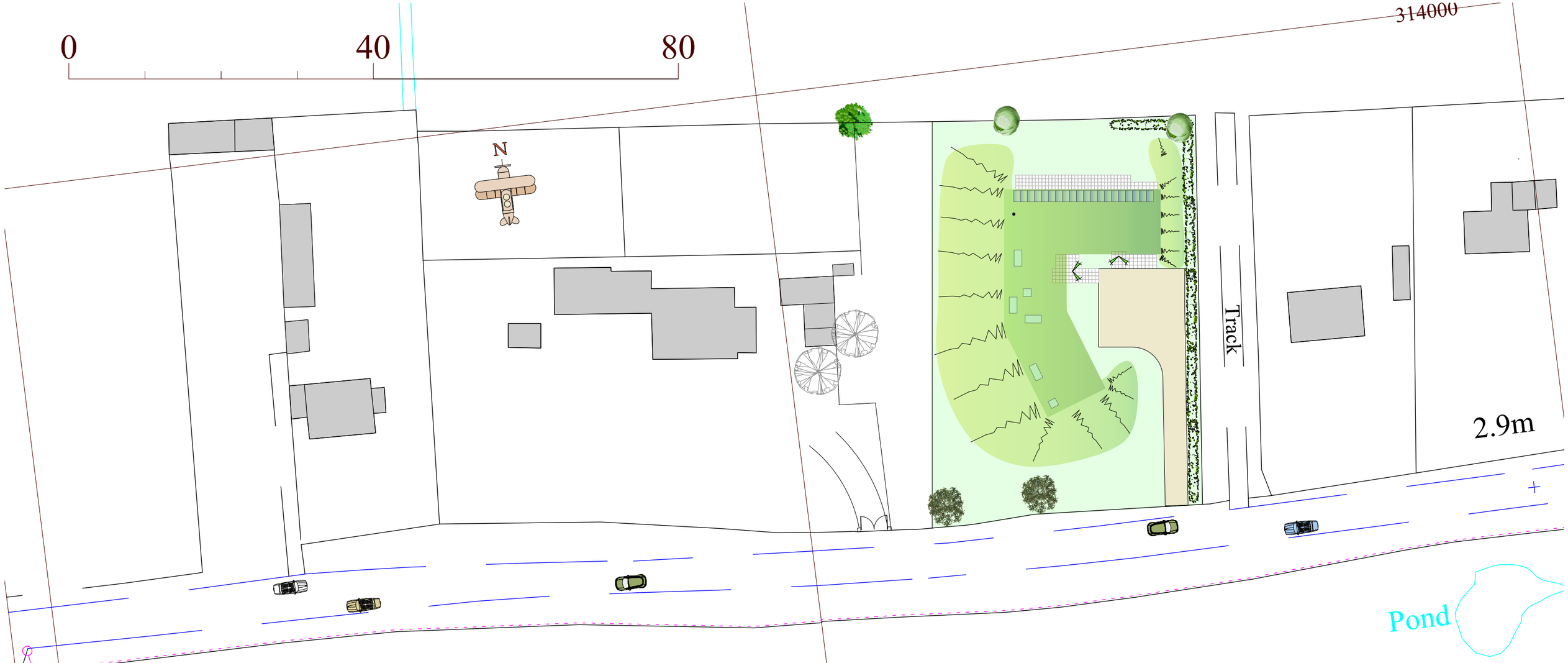

Re-graded grassland Specification
Landscape Contractor to ensure that the top 600mm of re-graded grassland is formed using a Limestone Grassland Meadow Mix EM6 from seed supplier Emorsgate Seeds (accredited by Flora Locale)
- 80% grass seed and 20% wildflower seed by weight. All subsequent management should involve grazing and/or hay cutting.
Remove weeds using repeated cultivation or a herbicide. Then plough or dig to bury the surface vegetation, harrow or rake to produce a medium tilth, and roll, or tread, to produce a firm surface.
Only sow in Spring or Autumn. The seed must be surface sown and can be applied by machine or broadcast by hand. To get an even distribution and avoid running out divide the seed into two or more parts and sow in overlapping sections. Do not incorporate or cover the seed, but firm in with a roll, or by treading, to give good soil/seed contact.
Ongoing management once established - meadow management based around a main summer hay cut in combination with autumn and spring mowing or grazing. Meadow grassland is not cut or grazed from spring through to late July/August to give the sown species an opportunity to flower.

After flowering in July or August take a 'hay cut': cut back with a scythe, petrol strimmer or tractor mower to c 50mm. Leave the 'hay' to dry and shed seed for 1-7 days then remove from site.
Mow or graze the re-growth through to late autumn/winter to c 50mm and again in spring if needed.

Soil/Green Roof
In order to minimise the impact upon the landscape setting, it is proposed to form a Green roof over the main dwelling and a carefully contoured re-grading of the ground as shown on the site section and site layout drawing. These sections of reshaping will be assimilated into the flanking landscape by slowly tapering gradients.
Roof substrate to be formed with a shallow limestone 'quarry waste' 30 - 50mm to dust) - to be allowed to regenerate with vegetation - no fertiliser or topsoil to be added. In order to accelerate establishment of flora, sow thinly with wild basil, small scabious, wild thyme, common rock-rose, kidney vetch, salad burnet, dwarf thistle, carline thistle, harebell, sainfoin - further circa 5no further species from the EM6 mix - all regional provenance. structural Engineer to take account of the dead loads from the specified substrate.

Green Roof - see notes

stabalised gravel

Re-graded grassland - see notes

solar panels mounted on the rear of the superstructure

NOTES
Do NOT scale from this drawing or any other prepared by JDA in connection with this project
This drawing is copyright and may not be altered, traced, copied, photographed or used for any purpose other than for which it has been issued without written permission of the copyright holder.
The Contractor is to check all dimensions on site and report any discrepencies PRIOR TO commencing work.
All details shown on this drawing are based upon typical site conditions related to the area. No resposibility can be accepted for abnormal conditions unless they have been reported in detail so that design amendments may be considered.
All works and materials are to be in full accordance with current British Standards, Building Regulations, Agrement Certificates and Manufacturers printed instructions.
All Building Regulations inspections are to be carried out at the appropriate stages of work.

John Dickie Associates
Chartered Building Engineers
5, Victor Way, Cherry Holt Road, Bourne, Lincs
PE10 9PT
Tel 07778 297733 jda@ndirect.co.uk

Proposed Earth Sheltered Dwelling
on Land Adjacent to
Homelands, Eugate Road,
Whaplode Drove,Spalding Lincs
P E12 0SP

Drawing Title : Proposed Site Layout with Green Roof Shown
Client : Mr S. Jeffs
Date December 2018
Scale 1 to 500 at A3 Landscape

Drawing No JDA/2018/175.SITE.002