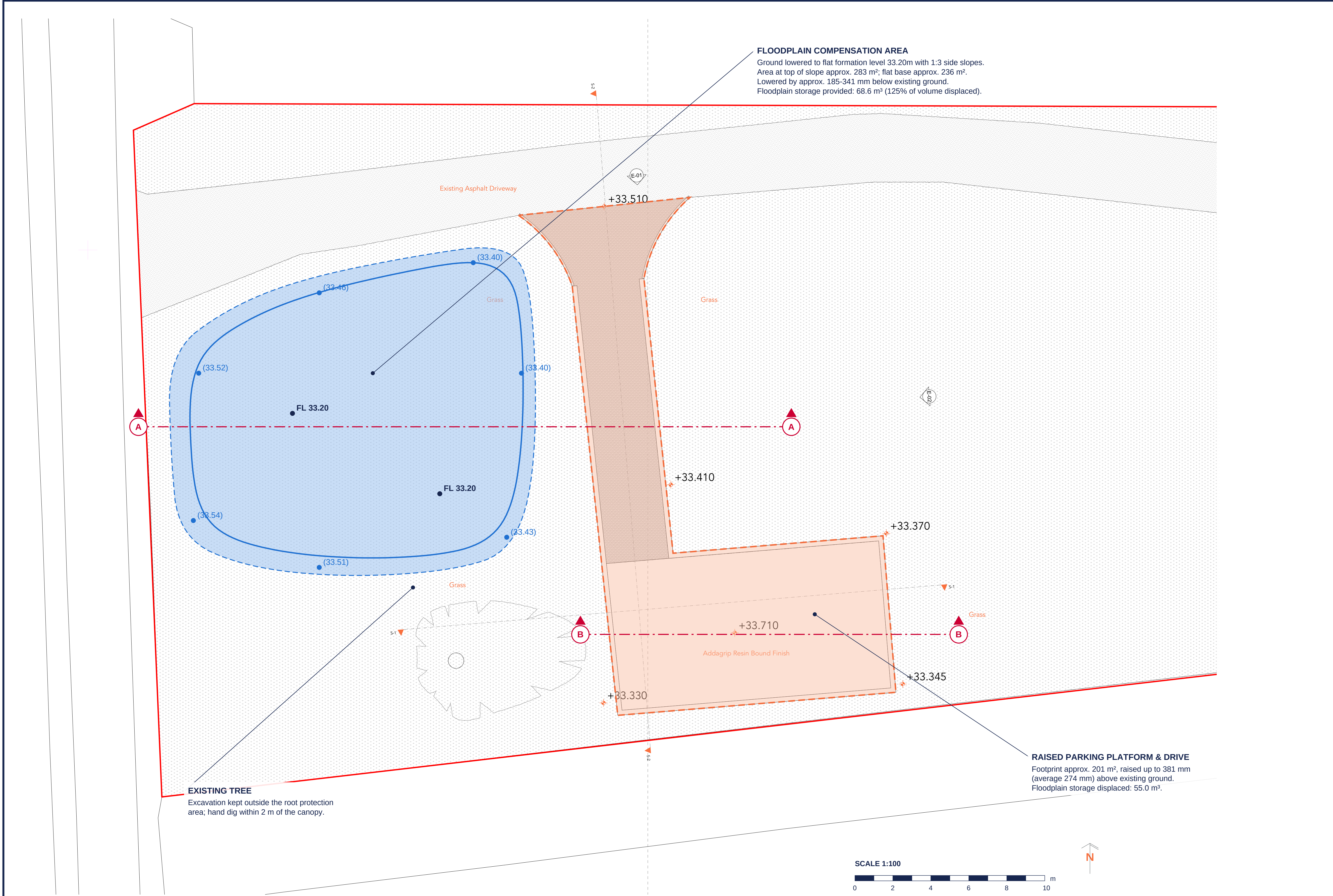




FLOODPLAIN COMPENSATION AREA
Ground lowered to flat formation level 33.20m with 1:3 side slopes.
Area at top of slope approx. 283 m²; flat base approx. 236 m².
Lowered by approx. 185-341 mm below existing ground.
Floodplain storage provided: 68.6 m³ (125% of volume displaced).

EXISTING TREE
Excavation kept outside the root protection area; hand dig within 2 m of the canopy.

RAISED PARKING PLATFORM & DRIVE
Footprint approx. 201 m², raised up to 381 mm (average 274 mm) above existing ground.
Floodplain storage displaced: 55.0 m³.

- NOTES:**
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT REPORTS, PLANS AND ARCHITECTURAL DRAWINGS
 2. THIS DRAWING SHOULD NOT BE SCALED. THERE SHOULD BE NO RELIANCE ON THIS DRAWING WITH REGARDS TO DIMENSIONS. ALL DIMENSIONS SHOULD BE CONFIRMED ON SITE.
 3. ANY DISCREPANCY ON THIS DRAWING SHOULD BE REPORTED TO AEGAEA IMMEDIATELY FOR CLARIFICATION.
 4. THE CONTRACTOR IS RESPONSIBLE FOR ALL WORKS AND FOR THE STABILITY, INSTALLATION AND HEALTH AND SAFETY OF THE WORKS.
 5. AEGAEA HAVE PRODUCED THIS DRAWING BASED ON THE DRAWINGS AND INFORMATION PROVIDED BY THE CLIENT AVAILABLE AT THE TIME OF PRODUCTION. WE CANNOT ACCEPT RESPONSIBILITY FOR DISCREPANCIES RESULTING FROM NEW PLANS/ INFORMATION BEING ISSUED POST-ISSUE OF THIS DRAWING. THE CONTRACTOR SHOULD REVIEW THIS DRAWING IN LIGHT OF WIDER SITE INFORMATION SUCH AS CONTAMINATION, UTILITIES SURVEYS AND SITE INVESTIGATIONS
 6. IT IS THE RESPONSIBILITY OF THE PRINCIPLE CONTRACTOR TO MAKE THE DESIGNER AND CLIENT AWARE OF SITE-SPECIFIC RISKS AND HAZARDS THAT MAY AFFECT THE DRAWING AND SPECIFICATION

- LEGEND**
- Raised platform & drive (displaced floodplain storage)
 - Floodplain compensation area (top of 1:3 side slope)
 - Toe of side slope / edge of flat base at 33.20m
 - (33.45) Estimated existing ground level
 - FL Proposed formation level
 - Section line (see FC-002)

CLIENT:
Mr A Moller

SITE:
The Moorings, Loddon Drive,
Wargrave RG10 8HL

DRAWING:
FLOODPLAIN COMPENSATION
PROPOSED PLAN

DRAWING NUMBER:
AEG11414-FC-001

DATE:
08/10/2026

REV:
P01

DRAWN BY:
NB

DRAWING SCALE:
1:100 @ A1

**PRELIMINARY DRAWING
FOR PLANNING ONLY - NOT FOR
CONSTRUCTION**

aegaea
Flood risk, water and environment

- NOTES**
1. Base plan reproduced from Dames A+P drawing DAP-R26-24-A-103 (Proposed Levels Plan). Levels in metres relative to the datum of that drawing.
 2. Existing levels in the compensation area shown in brackets, e.g. (33.45), are estimated from Environment Agency 1 m LiDAR (2022) referenced to the A-103 spot levels. A topographic survey is to confirm existing levels before works; excavation depth to be adjusted so that a minimum of 55 m³ of storage is provided.
 3. Topsoil to be stripped, ground lowered to formation level and topsoil re-laid / re-seeded so that the finished surface is at the levels shown. Area to remain open grassland, free of walls, fences or bunds, so it stays hydraulically connected to the floodplain.
 4. All excavated material to be removed from site and disposed of outside the floodplain. No stockpiling within the floodplain.
 5. Sections A-A and B-B and the level-for-level storage assessment are shown on drawing AEG11414-FC-002.

- FLOODPLAIN STORAGE SUMMARY**
1. Storage displaced by raised platform & drive: 55.0 m³ (between 33.33m and 33.71m).
 2. Storage provided by lowered area: 68.6 m³ (between 33.20m and 33.55m) - a surplus of 13.6 m³ (25%).
 3. At every water level the storage created below that level equals or exceeds the storage displaced below that level (see FC-002), so there is no net loss of floodplain storage in any flood event.
 4. Lost and compensatory storage both lie more than 0.75m below the 1 in 30 year flood level (34.47m) and are mobilised in the same flood events.