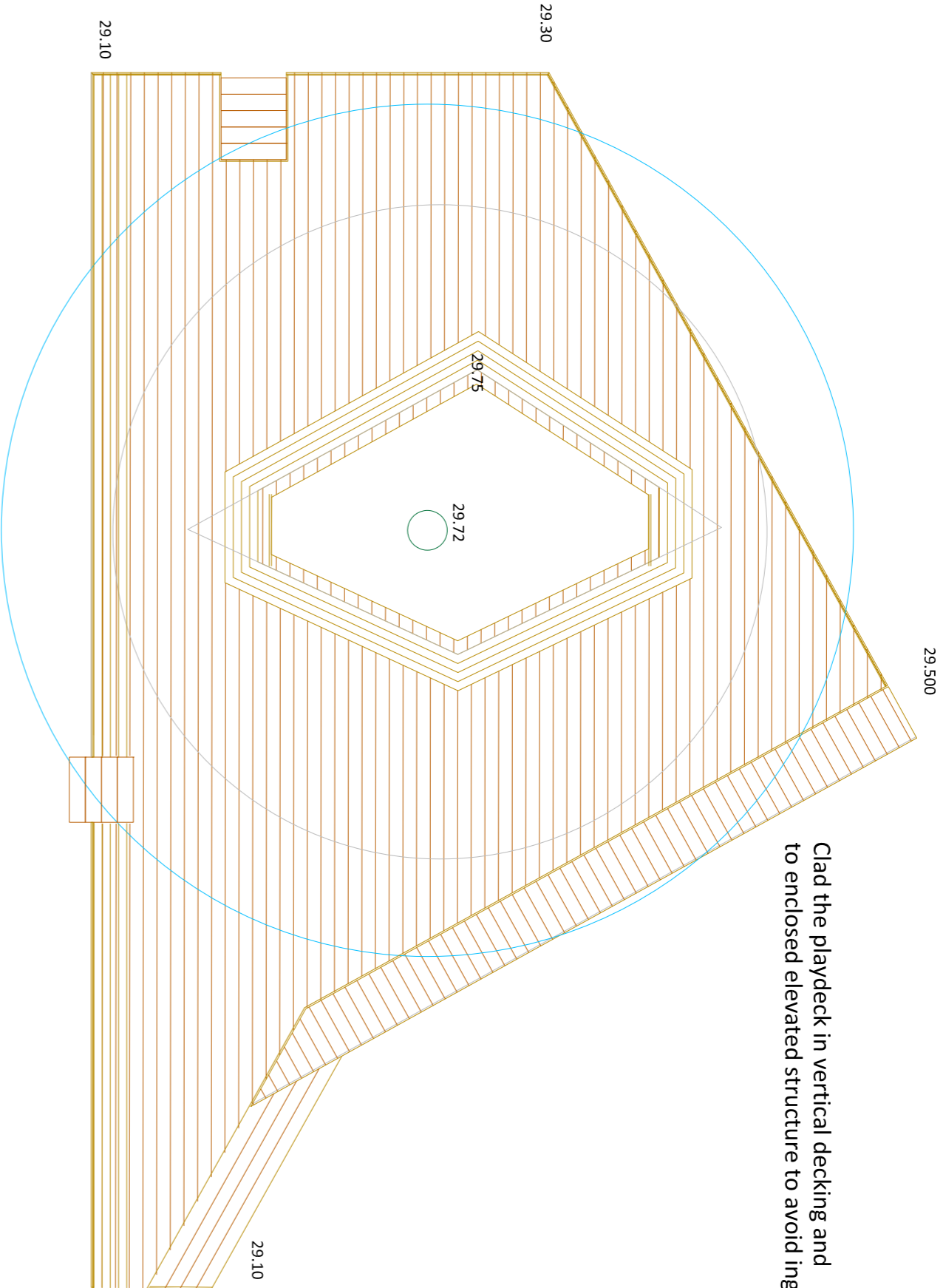
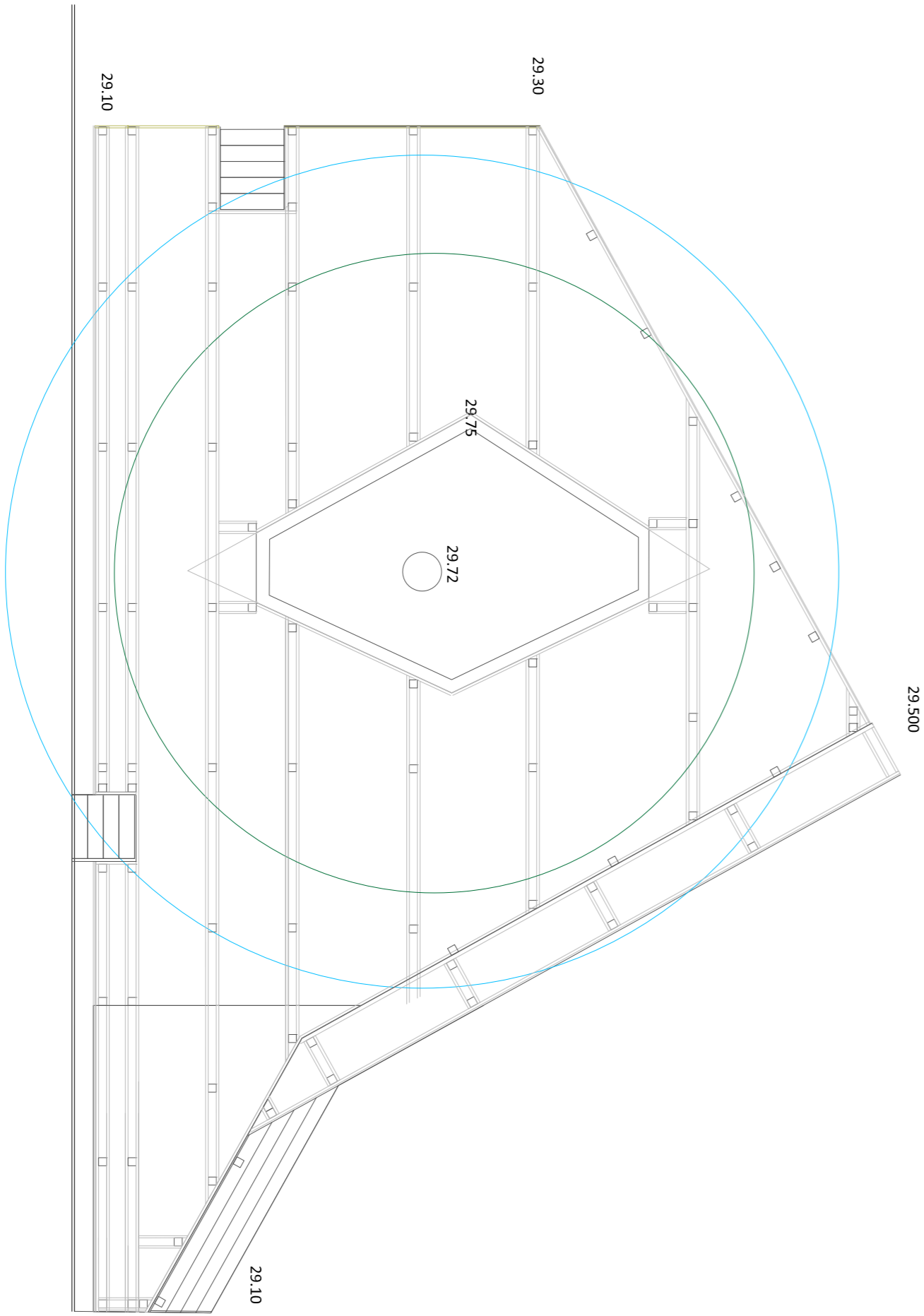


FRAME TO SUPPORT DECKING



Clad the playdeck in vertical decking and to enclosed elevated structure to avoid ingress



JOISTS AND POST POSITIONS TO SUPPORT FRAME



Timber deck: The timber deck is to form a level platform which includes a central open area of the planter to be open to precipitation. The main body of the deck is to be laid level, with flush joints, fixings and inserts. The timber used for the main body of the deck and all it's component parts and edges is to be of the same sustainably managed FSC certified source to match in colour, finish and width of board. Boards are to be square edged.

- Tolerances:
- Manufacturing Tolerances: Max. deviations on width +/- 3mm, deviations on depth +/- 1mm and deviations on length +/- 3mm
 - Construction Tolerances: Maximum deviations level +/- 4mm
 - Horizontal and Vertical alignment: 3mm in 3.0m (non accumulative)

Warping of Timber:

The limits set down in BS 4978 for the amount of bow, spring twist and cap in a piece of timber must not be exceeded.

Selection and Use of Timber:

Do not use timber members which are damaged, crushed or split beyond the limits permitted by their grading. Ensure that notches and holes are not so positioned in relation to knots or other defects that the strength of members will be reduced. Do not use scarf joints, finger joints or splice plates without approval.

1. Steps:

Steps are to be consistent in riser and tread within each flight and true to the proposed finished levels as indicated on drawing 10A2-16, see also 'Finished Levels and Falls' below. All access and seating steps to be formed with consistent leading edges without undulation or horizontal deflection within the tolerances described in 'Timber Deck' above. Leading edges are to be finished smooth, free from burrs, splinters or sharp edges.

2. Joints:

All joints are to be consistent 3.5mm wide and follow the intent of the layout pattern indicated on drawing 1402-16. Contractor to allow for staggered joint junctions avoiding acute angle cuts and ensuring no end cuts of boards less than the full width of a board.

3. Fixings:

All fixings are to be stainless steel fit for purpose. Fixings to be countersunk, finished flush to deck surface with no raised edges or splintering of timber.

4. Interfaces with other materials:

The deck shall meet the adjoining ground planes with a consistent 10mm air gap. Edge restraints to adjoining rubber crumb safety surfaces are to be hidden by oversailing of the timber construction. The junction between the two materials is to be consistently flush and allow for a maximum 10mm air gap.

5. Finished Levels and Falls:

Refer to drawing 10A2-16 for existing and proposed finished levels. The surface of the deck is to be laid level and true avoiding any local depressions or undulations in finish that may cause ponding with nominal cross falls for drainage. The Contractor is to allow for verification of the existing and proposed finished levels by further detailed site survey within the RPA of the existing tree.

6. Inserts:

Proprietary rubber compound inserts rebated into deck boards. 50mm diameter. Available from Gradus Stairlift 6.5mm gauge scoured finish or equal approved. Colours: Black, Brown, Yellow. To be fixed via epoxy mortar in accordance with the supplier's recommendations.

The design of the supporting framework to the deck is to provide a robust support system which is fit for purpose as a play deck using no-dig construction methods, and spanning the existing raised planter to the existing tree. The Contractor is responsible for the design and construction of the supporting system including all structural calculations. The Contractor is submit full shop drawings and supporting structural calculations for approval by the project Structural Engineer prior to commencement of works or ordering of materials. Softwood timber surface finish: sawn or regularised. Preservative treatment: Vacuum pressure impregnated CCA preservative complying with BS 4072. Treatment process as prescribed by BS 5589 to achieve service life in excess of 40 years. The treatment process must also include a water repellent additive. Timber to be guaranteed against rot and decay for 25 years.

Notes

General Arrangement only
Installers to provide details of joints and fixings to be approved by site engineer
Plan to be read in conjunction with the engineer and landscape drawings:

No measurements to be scaled off drawing.
Worked from figured dimensions only.
Drawings for planning purposes only and based on drawings AG371-AL-HD-1-002, 003,004 & 005. No design responsibilities accepted.

All dimensions shown on drawing are shown in millimetres unless otherwise stated.

All dimensions and levels to be checked on site. Landscape Architect to be notified immediately of any discrepancies prior to the commencement of works.

JO WILD LANDSCAPES

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Client: Hill Partnerships Ltd
Project: Agat Grove - Phase 1B
Drawing Title: Play deck - General arrangement of built up elements
Scale: 1:100 @ A1
Date: May 2019
Drawing Number: 10A2-18
Revision Number: A