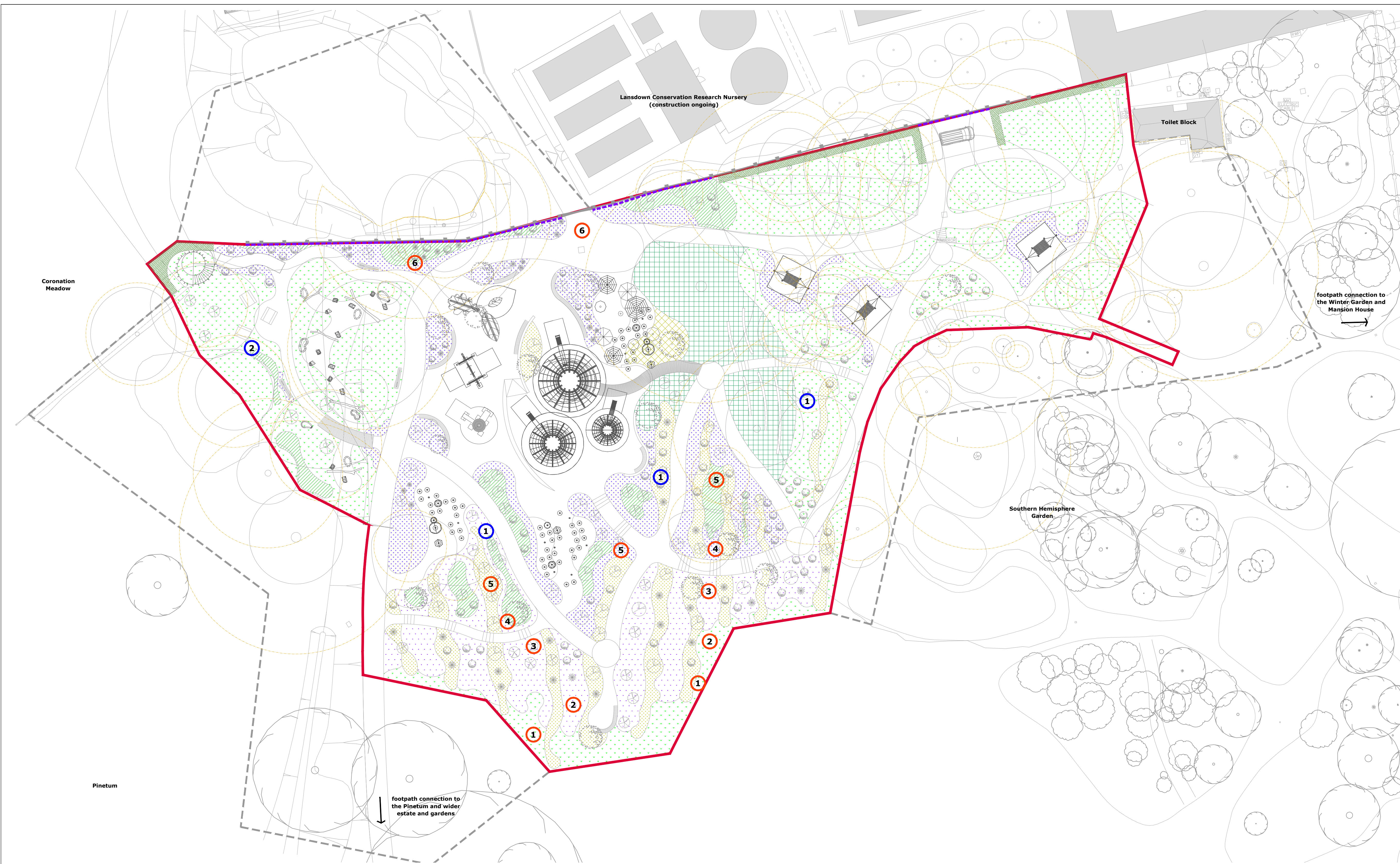




LEGEND - 1:250
General

Red Line Boundary.

Buildings.

Perimeter Wall.

Soft Landscape Layout.

Tree Survey Extent.
Extent of Tree Survey (outside of the red line boundary) undertaken by Tree Amigos. Refer to report for details.

Existing Trees.
Existing tree canopy (to be retained and protected in accordance with BS 5837). Canopy extent shown is approximate, based on the topographical survey; tree not surveyed by an arborist.

Existing Tree Canopy.
(Tree to be retained and protected in accordance with BS5837, Refer to Tree Amigos report).

Tree Root Protection Area.
(Tree to be retained and protected in accordance with BS5837, Refer to Tree Amigos report).

1

Existing Trees - Partial Retention and Removal.
Selected existing trees retained for screening and landscape structure, with inappropriate species removed as part of the proposals.

2

Existing Shrub Vegetation To Be Managed.
Selective clearance of existing laurel and other inappropriate shrub vegetation to open up the landscape and create opportunities for new High Weald species planting.

Native Structure Mix.
Native shrub species proving thicket.

Proposed Ornamental Grasses, Shrubs, And Herbaceous Planting.
Naturalistic matrix planting of grasses and flowering perennials appropriate to the planting character area.

Proposed Shrub, Herbaceous & Fern Planting.
Dense planting and drifts of ferns appropriate to shaded areas & woodland edges.

Proposed Hedge.
High Weald native hedge mix.

Proposed Climbers.
Climbing plants to walls or independent support structures where shown.

Reinforced Grass.
Natural grass strengthened in areas likely to experience heavier footfall and wear.

Grass Safety Matting.
Heavy-duty impact-attenuating grass safety matting, such as SafaGrass or equivalent approved (laid on to grass).

Proposed Native Meadow Seeding.
Species-rich native grass and wildflower seed mix appropriate to site conditions.

Proposed Hard Wearing Amenity Grass Seeding.
Hard-wearing grass seed mix for general recreation and informal landscape use.

Proposed Trees & Planting

1

Meadow Landscape Transition.
Species rich meadow providing an informal setting for play and a transition to the wider landscape.

2

Meadow-Edge Ornamental Planting.
Naturalistic grasses, perennials and shrubs extending the character of the meadow into the play landscape.

3

Transitional Planting.
Mixed planting creating a gradual transition between the ornamental meadow character and more native planting.

4

Native Woodland-Edge Planting.
Layered native trees, shrubs and ground planting creating a natural transition into the surrounding landscape.

5

Native Buffer and Screening Planting.
Denser native planting providing enclosure, screening and habitat.

6

Wall Screening Planting.
Climbers to soften the existing blockwork wall, with native shrubs planted in front where space allows.

Semi-Mature Trees.
Trees providing intermediate height, canopy structure and landscape presence.

Extra Heavy Standard Trees.
Trees providing intermediate scale and reinforcing the wider tree framework.

Feathered Trees.
Natural form trees planted with branches close to ground level to create a layered woodland character.

Multi-Stem Shrubs and Small Trees.
Natural form trees planted with branches close to ground level to create a layered woodland character.

Wall Screening Planting
Climbers with native woodland-edge planting in front where space allows.
Climbers
Common Ivy (*Hedera helix*); Honeysuckle (*Lonicera periclymenum*); Climbing Hydrangea (*Hydrangea anomala subsp. petiolaris*).
Tree and Shrub Species
Native Holly (*Ilex aquifolium*); Hazel (*Corylus avellana*); Hornbeam (*Sorbus aucuparia*); Guelder Rose (*Viburnum opulus*); Spindle (*Euonymus europaeus*); Alder Buckthorn (*Frangula alnus*).
Ground Layer
Greater Wood-Rush (*Luzula sylvatica*); Wood Sedge (*Carex sylvatica*); Tufted Hair Grass (*Deschampsia cespitosa*); Soft Shield Fern (*Polystichum setiferum*); Male Fern (*Dryopteris filix-mas*); Primrose (*Primula vulgaris*); Wild Geranium (*Geranium maculatum*).
Ground-Layer Mix:

- 30% Greater wood-rush (*Luzula sylvatica*)
- 25% Tufted hair grass (*Deschampsia cespitosa*)
- 15% Wood sedge (*Carex sylvatica*)
- 10% Purple moor grass (*Molinia caerulea*)
- 10% Betony (*Betonica officinalis*)
- 5% Primrose (*Primula vulgaris*)
- 5% Wild Geranium (*Geranium maculatum*)

SOFTWORKS GENERAL ARRANGEMENT

General Notes

- Planting to be arranged in naturalistic groups, drifts and matrices appropriate to each landscape character area;
- Planting areas to overlap and interlock where appropriate, with selected species repeated between adjoining areas to provide continuity;
- Final species selection and collection relationships to be coordinated with the Wakehurst horticultural team;
- All planting stock to comply with Wakehurst biosecurity requirements;
- Existing meadow disturbed by the works to be reinstated to match the existing meadow species composition and character.

Proposed Trees and Structural Planting
Semi-Mature Trees
Trees providing immediate height, canopy structure and landscape presence. Stock: generally 6m+ height, 30-35 cm girth, standard form, rootballed.

Extra Heavy Standard Trees
Trees providing intermediate scale and reinforcing the wider tree framework.
Stock: generally 5m+ height, 18-20 cm girth, with selected trees at 20-25 cm girth, standard form, rootballed.

Feathered Trees
Natural-form trees with branches close to ground level, providing layered structure and enclosure.
Stock: generally 4.0-4.5m height, 16-20cm girth, feathered to base, rootballed.

Multi-Stem Shrubs and Small Trees
Large, spreading shrubs and small trees providing immediate enclosure, screening and middle-storey structure.
Stock: generally 2-3 m height, minimum 2no. stems, rootballed/container grown, subject to species and availability.

Native Structure Mix
Native shrub planting providing thicket, enclosure and screening.
Stock: generally 60-90cm, bare root whips and transplants, with selected multi-stem specimens 1.5-2.0 m high, rootballed/container grown.

Native Hedge Mix - High Weald
Hawthorn (*Crataegus monogyna*) - 40%
Blackthorn (*Prunus spinosa*) - 20%
Field Maple (*Acer campestre*) - 15%
Hazel (*Corylus avellana*) - 15%
Pedunculate Oak (*Quercus robur*) (standards) - 5%
Hornbeam (*Carpinus betulus*) - 5%

Proposed Planting Components
Ornamental Grasses, Shrubs and Herbaceous Planting
Naturalistic matrix planting of grasses, flowering perennials and shrubs appropriate to the planting character area.
Grasses and perennials generally P9/1L/2L at 5-7 plants/m².
Shrubs generally 3L, with selected specimens up to 36L where appropriate.

Shrub, Herbaceous and Fern Planting
Dense shrub/herbaceous and ground-flora planting.
Naturalistic drifts of ferns appropriate to shaded areas and woodland edges.
Shrubs generally 3L, with selected specimens up to 36L where appropriate. Ferns and ground-layer planting generally P9/1L/2L at 5-7 plants/m².

Bulbs
All bulbs to be laid out loose and planted in naturalistic drifts in all areas of both formal and naturalistic planting. Bulbs to be supplied loose/dry in Autumn and planted immediately at densities and depths appropriate to each species.

Climbers
Climbing plants to walls or independent support structures where shown.
Stock generally 5L, grown on a bamboo cane obelisk/frame, which is left in as part of the planting process to provide initial support to the plant until new growth expands onto the adjacent structures - at which point the cane structure can be removed.

Native Meadow Seeding
Areas disturbed by the works to be reinstated to match the species composition and character of the existing meadow. Seed mix and establishment method to be agreed with the Wakehurst horticultural team following review of the existing meadow composition and site conditions.

Hard-Wearing Amenity Grass Seeding
Hard-wearing grass seed mix for general recreation, informal play and areas subject to regular use.

Indicative Planting Mixes
Meadow-Edge Ornamental Planting
Predominantly native flowering species with expressive grasses and selected Southern Hemisphere trees and shrubs.

Grass and Herbaceous Mix:

- 20% Purple moor grass (*Molinia caerulea* subsp. *arundinacea*)
- 15% Tufted hair grass (*Deschampsia cespitosa*)
- 10% Korean feather reed grass (*Calamagrostis brachytricha*)
- 15% Great burnet (*Sanguisorba officinalis*)
- 10% Common knapweed (*Centaurea nigra*)
- 10% Betony (*Betonica officinalis*)
- 7.5% Devil's-bit scabious (*Succisa pratensis*)
- 5% Field scabious (*Knausia arvensis*)
- 5% Meadow cranesbill (*Geranium pratense*)
- 5% Oxeye daisy (*Leucanthemum vulgare*)
- 2.5% Korean feather reed grass (*Calamagrostis brachytricha*)

Tree and Shrub Species: Antarctic Beech (*Nothofagus antarctica*); Winter's Bark (*Drimys winteri*); Daisy Bush (*Olearia* spp.); Hardy Fuchsia (*Fuchsia magellanica*); Horopito (*Pseudowintera colorata*); New Zealand Broadleaf (*Griselinia littoralis*); Lancewood (*Pseudopanax crassifolius*).

Localised groups of New Zealand Wind Grass (Anemanthele lessonioides) and Red Tussock Grass (Chionochloa rubra) where the Southern Hemisphere influence is strongest, and to be extended.

Transitional Planting
Mixed planting providing continuity between the meadow-edge ornamental planting and native woodland-edge planting.

Indicative Mix:

- 20% Purple moor grass (*Molinia caerulea*)
- 20% Tufted hair grass (*Deschampsia cespitosa*)
- 15% Great burnet (*Sanguisorba officinalis*)
- 10% Betony (*Betonica officinalis*)
- 10% Common knapweed (*Centaurea nigra*)
- 10% Devil's-bit scabious (*Succisa pratensis*)
- 5% Ragged robin (*Silene flos-cuculi*)
- 5% Meadow cranesbill (*Geranium pratense*)
- 5% Korean feather reed grass (*Calamagrostis brachytricha*)

Tree and Shrub Species: Hazel (*Corylus avellana*); Native Holly (*Ilex aquifolium*); Rowan (*Sorbus aucuparia*); Guelder Rose (*Viburnum opulus*); Alder Buckthorn (*Frangula alnus*), with selected Winter's Bark (*Drimys winteri*), Daisy Bush (*Olearia* spp.) and Hardy Fuchsia (*Fuchsia magellanica*).

Native Woodland-Edge Planting
Layered native planting with the ground layer adjusted to suit light and moisture conditions.
Tree and Shrub Species: Hazel (*Corylus avellana*); Native Holly (*Ilex aquifolium*); Hornbeam (*Carpinus betulus*); Rowan (*Sorbus aucuparia*); Guelder Rose (*Viburnum opulus*); Alder Buckthorn (*Frangula alnus*); Spindle (*Euonymus europaeus*); Crab Apple (*Malus sylvestris*).

Open-Area Mix:

- 25% Tufted hair grass (*Deschampsia cespitosa*)
- 20% Purple moor grass (*Molinia caerulea*)
- 15% Great burnet (*Sanguisorba officinalis*)
- 12.5% Ragged robin (*Silene flos-cuculi*)
- 10% Betony (*Betonica officinalis*)
- 7.5% Meadow cranesbill (*Geranium pratense*)
- 5% Common knapweed (*Centaurea nigra*)
- 5% Devil's-bit scabious (*Succisa pratensis*)

Shaded-Area Mix:

- 30% Greater wood-rush (*Luzula sylvatica*)
- 20% Tufted hair grass (*Deschampsia cespitosa*)
- 15% Wood sedge (*Carex sylvatica*)
- 10% Soft shield fern (*Polystichum setiferum*)
- 10% Male fern (*Dryopteris filix-mas*)
- 5% Primrose (*Primula vulgaris*)

- 5% Bugle (*Ajuga reptans*)
- 5% Betony (*Betonica officinalis*)

Native Buffer and Screening Planting
Dense native tree and shrub planting with a simple woodland ground layer.

Tree and Shrub Mix:

- 30% Hazel (*Corylus avellana*)
- 25% Native holly (*Ilex aquifolium*)
- 15% Hornbeam (*Carpinus betulus*)
- 10% Rowan (*Sorbus aucuparia*)
- 7.5% Guelder rose (*Viburnum opulus*)
- 5% Alder buckthorn (*Frangula alnus*)
- 5% Spindle (*Euonymus europaeus*)
- 2.5% Crab apple (*Malus sylvestris*)

Ground-Layer Mix:

- 30% Greater wood-rush (*Luzula sylvatica*)
- 25% Tufted hair grass (*Deschampsia cespitosa*)
- 15% Wood sedge (*Carex sylvatica*)
- 10% Purple moor grass (*Molinia caerulea*)
- 10% Betony (*Betonica officinalis*)
- 5% Primrose (*Primula vulgaris*)
- 5% Wild Geranium (*Geranium maculatum*)

Rev	Description	By	Chk	Date	NOTES - IF IN DOUBT, ASK	CDM - SAFETY, HEALTH & ENVIRONMENTAL INFORMATION
--	First Issue	LH	EV	10.07.26	1. All dimensions are in millimetres. 2. All levels are shown in metres Above Ordnance Datum (AOD). 3. All levels and dimensions are to be checked on site by the site manager/contractor prior to commencing any works or ordering any materials. 4. This drawing is to be viewed in conjunction with all other detailed drawings and specifications from all members of the design team. 5. Any conflicts/discrepancies are to be highlighted to Southern Green prior to commencing works or ordering any materials. 6. All products and materials shown on this drawing, are to be provided as spotted or as 'equal and approved' by the client/ design team.	Principal Designer: Studio Hardie In addition to the hazard/ risks normally associated with the types of work detailed on this drawing, note the following project specific risks which require attention/ mitigation by the contractor undertaking the works: Construction: Working on a stopped site, unidentified below ground constraints and services. Maintenance/ Cleaning: Same as above. Decommissioning/ Demolition: Same as above. It is assumed that all works will be carried out by a competent contractor, working where appropriate, to their own approved method statement. This is not an exhaustive list and reference must be made to the Construction Phase Plan or Health and Safety File and any additional Risk Assessment documents available.

1544_WAKEHURST PLAY PROJECT			
Kew Wakehurst		Drawing Issue Status	
Softworks Plan		☐ Comment/ Approval ☐ Contract ☐ Costing ☐ Construction ☒ Planning ☐ Record Dwg ☐ Tender ☐ BIM	
1544_300		Rev A	
1:250 @ A1	09.07.26	RH17 6TN	
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