

- Turf
- Flowering lawn SCM6
- Planting
- Mulch
- Flag paving
- Site boundary
- Green roof
- Bulb planting

HEDGING

NAME	QTY	HEIGHT	POT SIZE	DENSITY
Prunus lusitanica	148	60-90cm	5L	3/lm
Sarcococca confusa	38	40-60cm	5L	3/lm

HERBACEOUS

NAME	QTY	HEIGHT	POT SIZE	DENSITY
Achillea 'Terracotta'	22	full pot	2L	5/m2
Allium 'Purple Sensation'	55		bulb	20/m2
Briza media	22	full pot	1L	5/m2
Calamagrostis 'Overdam'	12	full pot	2L	5/m2
Knautia 'Red Knight'	14	full pot	1L	5/m2
Molinia 'Poul Petersen'	18	full pot	2L	5/m2
Rudbeckia var. deamii	22	full pot	2L	5/m2
Salvia nemorosa 'Caradonna'	22	full pot	2L	5/m2

BULBS

NAME	QTY	DENSITY	MIX	
Crocus tommasinianus	1530	75/m2	60%	
Fritillaria meleagris	510	75/m2	20%	
Narcissus pseudonarcissus	340	50/m2	20%	

Project:
Skywaves, Worthing
Hampshire Homes

Drawing:
Soft Landscaping Layout

Date:
August 2023

Drawn by:
JA

Scale:
1:200 @ A3

Revision:
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GENERAL
All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA Nursery Certification Scheme. All plants to be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE. Planting shall not be carried out when the ground is waterlogged, frost bound or during periods of cold, drying winds.

GROUND PREPARATION
Where necessary, treat existing weeds with a glyphosate-based herbicide and allow a suitable period as recommended by the manufacturer or this to take effect.
A general purpose slow-release fertiliser at a rate of 50g/m2, and non-peat Tree Planting and Mulching Compost at a rate of 20L/m2 are to be incorporated into the top 150mm of topsoil during final cultivation of topsoil.
All extraneous matter such as plastic, wood, metal and stones greater than 50mm are to be removed during cultivation.

SHRUB & HERBACEOUS PLANTING
Shrubs and herbaceous plants are to be set out as shown on the planting plan and pit planted into prepared topsoil at the specified densities. All plants are to be backfilled and firmed in with minimal rootball disturbance. All planting areas to be well watered and covered with 50mm depth woodchip mulch. Planting adjacent to road kerbs and path edges along roads is to be set back 250mm from the back of kerb to allow room for plants to establish and reduce trampling, and unplanted area to be mulched.

MULCHING
All planting to be mulched with hardwood or coniferous woodchip to a depth of 50mm. Woodchips should be sourced from arboricultural works and not from timber milling or building works. When spreading mulch care should be taken to avoid covering small and emerging plants. Mulch should be pulled away from tree trunks by 80mm to discourage disease.

BULB PLANTING
Bulbs to be planted prior to turfing. If grass is already established, bulbs can be planted by cutting three sides of a square of turf with a spade, peeling back the sod, and placing bulbs at the bottom of the hole at twice the depth of the height of the bulb. Turf can then be replaced and gently tamped down.

FLOWERING LAWN MIX
Sow SCM6 Flowering Lawn mix at a rate of 4g/m2. Seed is best sown in the autumn or spring but can be sown at other times of the year if there is sufficient warmth and moisture. 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. The wild flower and grass species in this mix are perennial; they will be slow to germinate and grow and will not usually flower in their first growing season. There will often be a flush of annual weeds from the soil in the first growing season. This annual weed growth is easily controlled by repeated mowing.

TURFING
Grass areas require further cultivation for an even surface, followed by light consolidation and then lightly raked to create a fine tilth. All weeds, detritus and stones larger than 25mm are to be removed from the surface. A pre-seeding fertiliser should be applied at a a rate of 35g/m2.
Turfing shall not be carried out when the ground is waterlogged, frost bound or during periods of cold, drying winds.
Turf to be Rolawn Medallion quality or equal alternative and inspected on delivery. Turf should be laid within 24 hours of delivery. Turves to be laid in line with good horticultural practices, staggering joints and leaving no gaps. Only lay whole turves to edges and trim with a knife, edging shears or a half moon.
Start watering on the day turf is laid. On hot days, watering may be necessary prior to laying all the turf. Ensure that the new lawn is never short of water. Lift corners of the turf to confirm water has percolated through to the underlying soil. Water repeatedly until the turf is well established

MAINTENANCE
The landscape contractor shall maintain all areas of new planting and grass for a period of 12 months following practical completion. All stock deemed to be dead, dying or diseased within the defects period shall be replaced by the contractor at their own cost.

TREE & SHRUB MAINTENANCE
The site is to be visited on a monthly basis throughout the year to undertake the following
operations:
- Weed clearance - all planting areas to be kept weed free by hand weeding.
- Litter clearance - all litter is to be removed from planting beds.
- Watering - all trees are to be watered weekly from April to end of September unless deemed unnecessary due to heavy rain. On each occasion, the ground must be brought up to field capacity within 1m of any tree or shrub. Shrubs are to be watered during dry periods.
- Evergreen hedging - to be trimmed uniformly across site.
- Herbaceous mix - perennial plants should be cut back once in late winter to 50mm above ground level.
- Formative pruning - any damaged shoots or branches are to be pruned back to healthy wood. Plants are to pruned in accordance with good horticultural practice to maintain healthy, well-shaped specimens.
- Mulching - where mulch has been displaced reapply fresh mulch to original level. check mulch is not covering young plants.

FLOWERING LAWN MAINTENANCE
YEAR 1 - Mow newly sown flowering lawns regularly (every 7 -10 days during growing season) throughout the first year of establishment. Cut to a height of 40-60mm, removing cuttings if dense. This will gradually develop a good sward structure, help maintain balance between faster growing grasses and slower developing wild flowers, and control annual weeds. Dig out any residual perennial weeds

YEAR 2 ONWARDS - Mow regularly as a lawn but not too short (25-40mm). To permit flowering, mowing can be relaxed from June. Cut again when the sward gets untidy (after 4-8 weeks). Mowing may be suspended earlier in the year to allow cowslips to flower. Heavy quantities of cuttings should be collected and removed from site.
Where spring bulbs are present in grass these areas should not be mown until early summer to allow the bulbs a chance to die back naturally.
If left unmown the lawn will become a more conventional meadow. This may be desirable in some locations on site including corners and near walls.

GRASS MAINTENANCE
When newly turfed areas reach 50mm they should be rolled over and and after 24 hours cut to a height of 30mm. All arisings shall be removed from the grassed area. All areas should be cut a second time when they reach 50mm again. Grass areas to be cut regularly in accorance with maintenance schedule.
Where spring bulbs are present in grass these areas should not be mown until early summer to allow the bulbs a chance to die back naturally.

Project:
Skywaves, Worthing
Hampshire Homes

Drawing:
Soft Landscaping Specification

Date:
August 2023

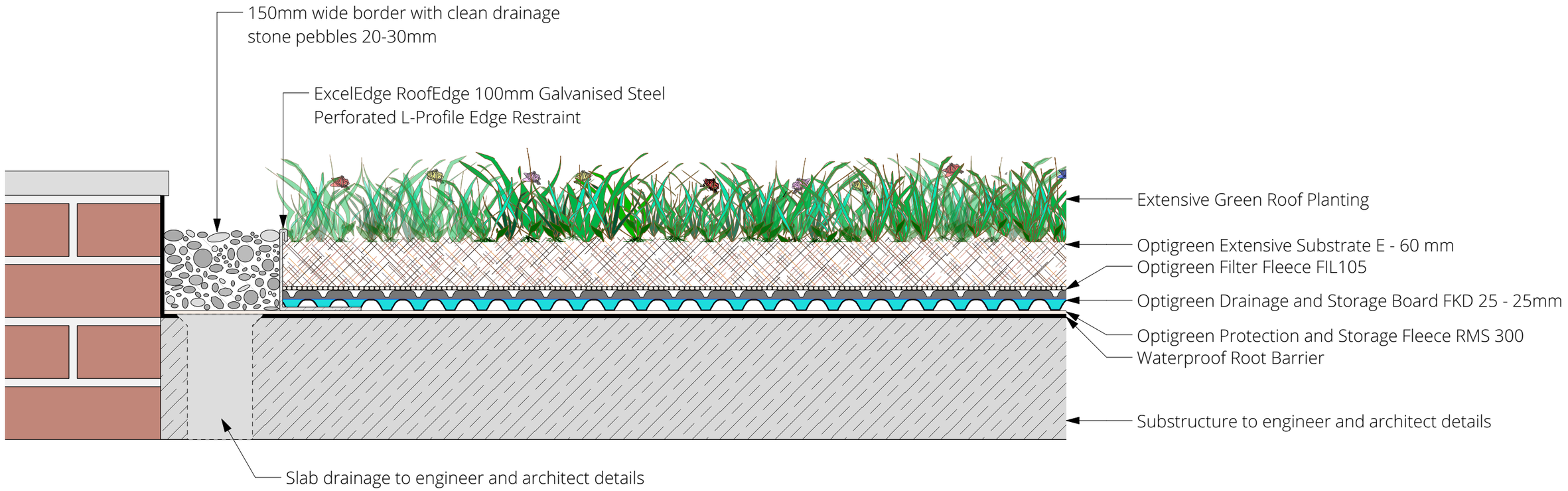
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PLANTS	GROWTH	SUPPLY	QTY A	QTY B	DENSITY
Briza media	20cm	9cm pot	111	11	15/m2
Festuca amethystina	20cm	9cm pot	111	11	15/m2
Festuca ovina	20cm	9cm pot	111	11	15/m2
Origanum vulgare	20cm	9cm pot	111	11	15/m2
Sedum album	12cm	plug plant	555	53	20/m2
Sedum reflexum	15cm	plug plant	555	53	20/m2
Sedum sexangulare	12cm	plug plant	555	53	20/m2
Sedum spurium	15cm	plug plant	555	53	20/m2
Thymus serphyllum	12cm	9cm pot	111	11	15/m2
Allium schoenoprasum	20cm	seed			
Antennaria dioicia	15cm	seed			
Anthemis tinctoria	40cm	seed			
Dianthus deltoides	20cm	seed			
Linaria vulgaris	30cm	seed			
Primula veris	60cm	seed			
Primula vulgaris	10cm	seed			
Prunella grandiflora	5cm	seed			
Sanguisorba minor	60cm	seed			
Saponaria ocymoides	30cm	seed			
Thymus pulegioides	10cm	seed			
Verbascum nigrum	45cm	seed			
Veronica teucrium	40cm	seed			
Viola arvensis	5cm	seed			

Seed sown as infill between plug plants. All seeds mixed into the top layer of substrate before planting plugs.

WATERING

After planting and sowing the soil should be kept moist until seeds have germinated and plants established. The green roof will then require watering during extended periods without rain. Watering in late afternoon will reduce waste by evaporation.

After 1 week without rain - retained water in the drainage board will maintain the green roof throughout this period.

After 2 weeks without rain - if wildflowers have gone a week without water, they might start to become stressed. By the end of the second week, foliage and flower heads will wilt. Water well and monitor the following day.

After 3 weeks without rain - watering will be required up to three times a week to restore the reservoir in the drainage board. Sedum plants may start showing signs of stress.

After 4 weeks or more without rain - continue watering and monitor plants for signs of stress.

Project:
Skywaves, Worthing
Hampshire Homes

Drawing:
Flat Green Roof Detail

Date:
August 2023

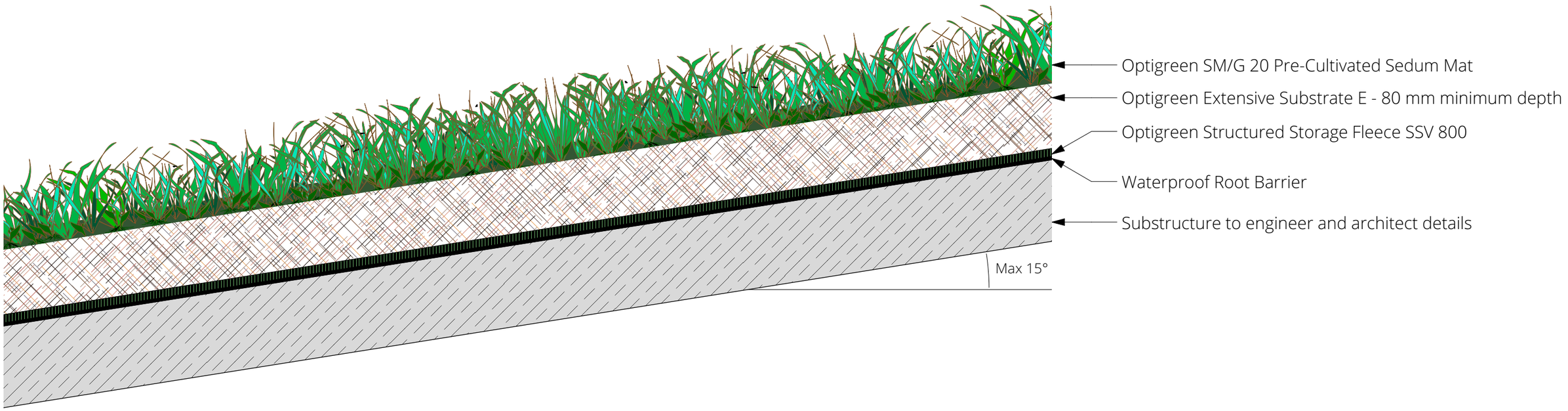
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NOTES

Detail provided for pitched roof ideally of 10° and up to a maximum of 15°. Steeper pitched roofs will need anti-slip reinforcement systems installed within substrate.

Optigreen SM/G pre-cultivated sedum mat suitable for pitched roofs up to 20°. Contains approximately 10 Sedum species.

WATERING

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After 4 weeks or more without rain - continue watering and monitor plants for signs of stress.

Project:
Skywaves, Worthing
Hampshire Homes

Drawing:
Pitched Green Roof Detail

Date:
August 2023

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JA

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1:5 @ A3

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YEAR 1	J	F	M	A	M	J	J	A	S	O	N	D
GRASS AREAS - prior to mowing remove litter, stones and debris and dispose of off-site. Cut to 40mm once initial growth has reached 75mm high. Monthly cuts in peak summer to increase drought tolerance.												
Grass mowing			x	x	xx	xx	x	x	xx	xx	x	
Flowering lawn SCM6 mowing			x	x	x				x	x	x	
Flowering lawn mowing (with bulbs)									x	x	x	
Watering	as required											
GENERAL PLANTING AREAS												
Litter picking	x	x	x	x	x	x	x	x	x	x	x	x
Weeding by hand	x	x	x	x	x	x	x	x	x	x	x	x
Clearing fallen leaves	x									x	x	x
Removal of dead, dying or diseased plants	x	x	x	x	x	x	x	x	x	x	x	x
Watering	as required											
EXISTING AND PROPOSED TREES												
Adjust stakes and ties	x	x	x	x	x	x	x	x	x	x	x	x
Tree health and safety check											x	
Removal of dead, dying or diseased material	x	x	x	x	x	x	x	x	x	x	x	x
Watering	as required											
HERBACEOUS PERENNIALS - cut back perennials to 50mm above ground in late winter. Only remove spent flower stems and foliage at other times if they have started decomposition or obstruct pathways. Grasses do not require cutting back.												
Cut back to 50mm			x									
HEDGING - check for nesting birds when pruning between March and July, no hedge cutting should take place until August if there are nesting birds present.												
Trimming to size								x				
GREEN ROOF												
Weeding by hand	x	x	x	x	x	x	x	x	x	x	x	x
Clearing fallen leaves	x									x	x	x
Removal of dead, dying or diseased plants	x	x	x	x	x	x	x	x	x	x	x	x
Watering	as required											

YEAR 2-5	J	F	M	A	M	J	J	A	S	O	N	D
GRASS AREAS - prior to mowing remove litter, stones and debris and dispose of off-site. Cut to 40mm once initial growth has reached 75mm high. Monthly cuts in peak summer to increase drought tolerance.												
Grass mowing			x	x	xx	xx	x	x	xx	xx	x	
Flowering lawn SCM6 mowing			x	x	x				x	x	x	
Flowering lawn mowing (with bulbs)									x	x	x	
Replace bare or failed patches				x					x			
Watering	only in periods of extended drought											
GENERAL PLANTING AREAS												
Litter picking	x	x	x	x	x	x	x	x	x	x	x	x
Weeding by hand	x	x	x	x	x	x	x	x	x	x	x	x
Mulch top-up			x							x		
Clearing fallen leaves	x									x	x	x
Removal of dead, dying or diseased plants	x	x	x	x	x	x	x	x	x	x	x	x
Watering	as required during growing season											
EXISTING AND PROPOSED TREES												
Adjust stakes and ties	x	x	x	x	x	x	x	x	x	x	x	x
Tree health and safety check											x	
Crown lifting and thinning of established trees	x	x										
Removal of dead, dying or diseased material	x	x	x	x	x	x	x	x	x	x	x	x
Watering	as required during growing season											
HERBACEOUS PERENNIALS - cut back perennials to 50mm above ground in late winter. Only remove spent flower stems and foliage at other times if they have started decomposition or obstruct pathways. Grasses do not require cutting back.												
Cut back to 50mm			x									
HEDGING - check for nesting birds when pruning between March and July, no hedge cutting should take place until August if there are nesting birds present.												
Trimming to size					x			x				
GREEN ROOF												
Weeding by hand	x	x	x	x	x	x	x	x	x	x	x	x
Clearing fallen leaves	x									x	x	x
Removal of dead, dying or diseased plants	x	x	x	x	x	x	x	x	x	x	x	x
Watering	only in periods of extended drought											

Project:
Skywaves, Worthing
Hampshire Homes

Drawing:
Maintenance Schedule

Date:
August 2023

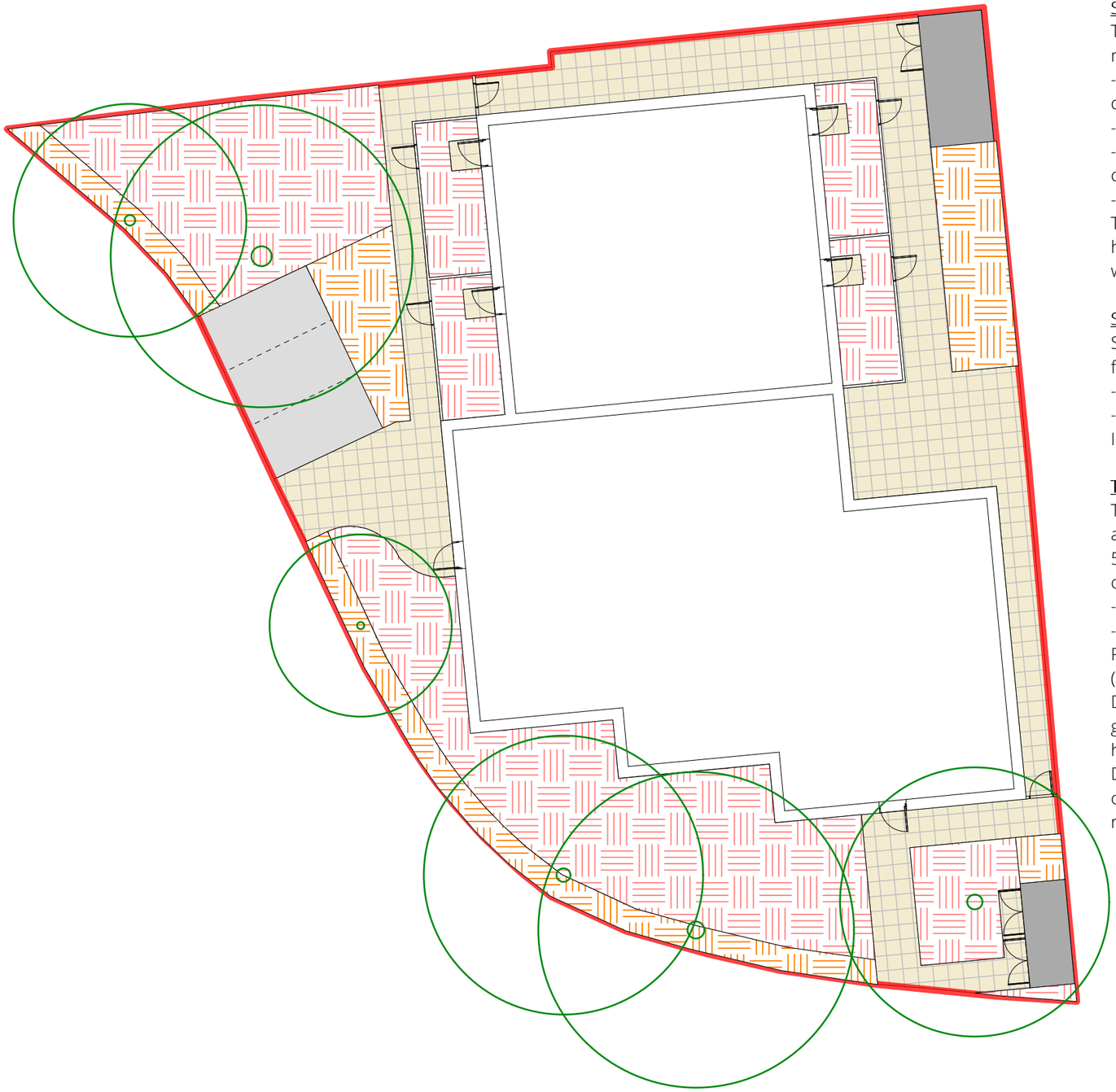
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300mm depth topsoil to grass areas

450mm depth topsoil to planting areas

STRIPPING OF EXISTING TOPSOIL

The site topsoil which is to be retained for later use shall be stripped and stockpiled. The following method shall be used:
- During suitable dry weather conditions, the existing vegetation shall be treated with herbicide as directed.
- Site to be cleared of foreign materials.
- During suitable dry weather conditions, topsoil to be stripped down to its full natural depth, taking care to avoid contamination with subsoil or other foreign materials.
- Excavated topsoil unsuitable to be reused as topsoil shall be stored separately and used as subsoil.

Topsoil which has been stripped and stored before use in the works shall not have been stacked in heaps higher than 1.5m for more than four weeks. Stored topsoil shall not have become waterlogged, compacted or destructured.

SUBSOIL

Subsoil should be broken up to relieve compaction and aid drainage prior to topsoiling to the following depths:
- 300mm for light and non-cohesive subsoils
- 450mm for stiff clay and cohesive subsoils

Immediately before spreading topsoil, remove stones larger than 50mm.

TOPSOIL

To be supplied and spread by the main contractor to the approval of the landscape contractor, in accordance with BS 3882:2015. To be a natural sandy loam, of medium texture, with a pH between 5.5 and 7.8, and free from weeds. Subsoil to be well broken up prior to top-soiling to relieve compaction. Topsoil minimum depths to be:
- 300mm for proposed grass areas
- 450mm for proposed planting areas

Remove temporary roads/surfacing before spreading topsoil. Spread in layers of 150mm depth (max.) and gently firm each layer before spreading the next.

Do not mix topsoil with subsoil, stone, hardcore, rubbish or material from demolition work; other grades of topsoil. Handle topsoil in the driest conditions possible and do not handle during or after heavy rainfall or when it is wetter than the plastic limit.

Do not use topsoil contaminated with subsoil, rubbish or other materials that are corrosive, explosive or flammable; hazardous to human or animal life; detrimental to healthy plant growth. In areas to receive topsoil, do not use subsoil contaminated with the above materials.

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Drawing: Topsoil Plan	
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