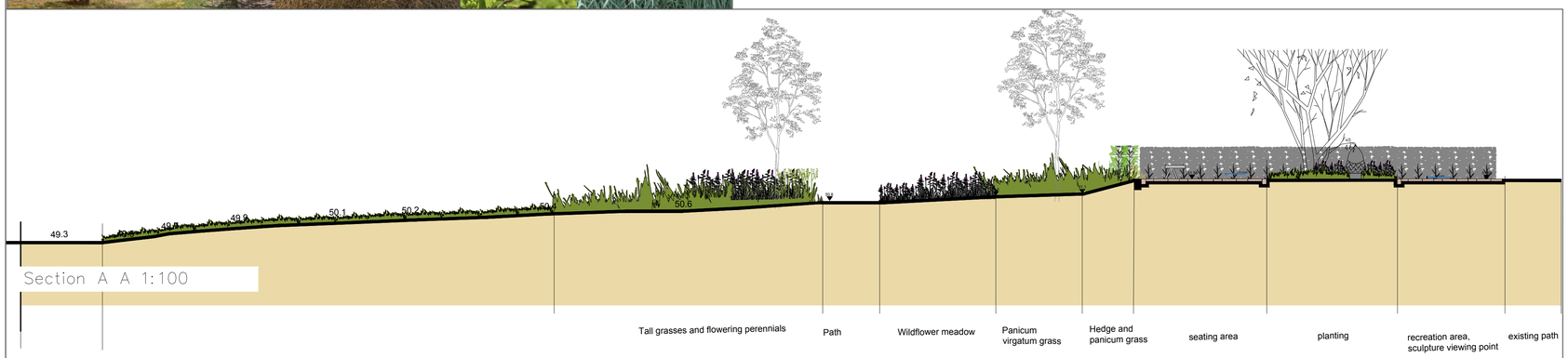
Landscape Masterplan Scale: 1: 250

Manhatton Pavers

Tobermore kerb

Mmcité 'Vera' bench

Landscape Masterplan Scale: 1: 250



Section A A 1:100

This drawing is a design only. Certification to be by other consultant. Engineer to be consulted regarding slopes and wheel chair accessibility

TREES

Tree Planting Generally: A 5m clearance zone to be maintained in proximity to street lights and new trees. Root barriers to be provided to all trees within 2m of underground services, foundations or walls. All trees to be clear stemmed to 2.2 m ht, unless specified as multi stem trees.Trees to be planted with planting accessories as per LA details and as per BS537:2012. Tree pit edge to be lined with root membrane.

Existing trees to be retained
Consideration to be given to remove trees, consult with Kildare Coco design team

Semi Mature Tree
Al. a. 1no. Amelanchier lamarckii, Snowy Mespilus multi-stem. 4xbr/wrb/ 5.0-5.5m ht.

Advanced Heavy Standard Tree
Af 7no. Acer Freemanii 'Autumn Blaze' 3 x tr. / wrb /20-25cm/5.0-5.5mh.

Feathered Tree
Ceq. 6no.Crataegus monogyna 'Stricta' feathered 3 x tr. / wrb /20-25cm/3.0-3.5mh.

MULTI STEM / SMALL TREES
Pa. 5no.Prunus avium (Bird Cherry)2 m clear stem 2mht 2xbr/wrb/16-18cm, 2.0-2.5m ht.

Ac 11no.Acer Campestre 'Elegant'(Field Maple) 2mht clear stem, 2xbr/wrb/18-20cm,2.5 -3.0 ht.1

Su **2 no.**Sorbus aucuparia 'Autumn Spire' 2mht clear stem, 2xbr/wrb/18-20cm,2.5 -3.0 ht.1

Sj 2 no. Sorbus 'Joseph Roc' 2mht clear stem, 2xbr/wrb/18-20cm,2.5 -3.0 ht.1

Sc 3no. Sorbus commixta 'Olympic Flame' 3 x tr. / wrb /20-25cm/3.0-3.5mh.

Sc 2no. Sorbus commixta 'Olympic Flame' 2xbr/wrb/18-20cm,2.5 -3.0 ht.1

Rt. 3no. Rhus typhina (stag's horn sumach)

LARGE SHRUB SPECIES 10L pot Cg.
Hu 8no. Hamamelis x intermedia 'Arnold's Promise' Witch Hazel
Vb. 3noViburnum opulus, Guelder Rose
Sn. 5no. Sambucus nigra 'Black Lace'
Cc. 4no. Cotinus coggygria (Smoke Bush)

H1 **HEDGE**
34lm Fagus Sylvatica (beech hedge) clipped hedgerow, to be maintained at 1.5 mt height
Container grown plants 1.00-1.20m ht. bushy to base in a double staggered row, with 2 planted per 500mm length. Cut hedge to 1.00m ht after planting to ensure an even height along the hedgerow.
P8 Plant a single row of Lonicera nitida 'Maigrun' to the hard landscaped edge to the front of hedge, maintain at 350 - 400mm height

Planting Beds
SPECIFIC TOPSOIL/GROWING MEDIUM REQUIREMENTS
Semi-Mature & Standard Trees – Refer to tree pit detailed drawings.
Existing Tree Areas – 300mm depth, hand dig around existing tree roots in open space.
Hedges – Minimum 450mm depth X 700mm wide topsoil
Shrub planting and groundcover areas – 450mm depth topsoil.
Rip subsoil to a depth of min. 750mm from finished landscape levels. Min. depth of subsoil 450mm.
Cultivate the planting beds with three passes of a rotivator. Topsoil operations only to be carried out during favourable working conditions. No bare-root (BR) trees, transplants or hedge plants permitted outside the planting season, October-March. Work in 100mm depth multi-purpose organic compost to multi-purpose grade topsoil to BS 3882 on depth free-draining subsoil. Top with min. 50mm settled depth medium-grade mulch topping to suppress weed growth.

P1 P2 P3 P4 P5 P6 P7
P1 Circular area surrounding sculpture
P2 Mass Planting on existing gradient
P3 Wildflower meadow
P4 Secondary seating area
P5 Wave planting
P6 Wave planting
P7 Wave planting

P1 **Plant Group 1 , Area: 255m2**
200 Hakonechloa macra (Japanese forest grass)
100 Melica altissima 'Alba' (Siberian melic)
100 Liberta grandiflora (Liberta)
100 Crocosma × crocosmiiflora 'Honey Angels' (montbretia)

P2 **Plant Group 2; Area: 255m2**
1020 Panicum virgatum 'Northwind'

P3 **Plant Group 3**
IRISH NATIVE WILDFLOWER SEED AREA: 512m2.
Species to include : Agrimony, Wild Angelica, Water Avens, Hedge Bedstraw, Lady's Bedstraw, Meadow Buttercup, Red Campion, Figwort, Gypsywort, Hard Rush, Yellow Flag Iris, Purple Loosestrife, Meadowsweet, Ragged Robin, Devil's-bit Scabious, Pendulous Sedge, Self-heal, Sneezewort, Soft Rush, St John's-wort, Greater

P4 **Plant Group 4**
25 Panicum virgatum Northwind (Switch grass), 25 Liatris spicata, 40 Sesleria autumnalis (Autumn Moor Grass),18 Liberta grandiflora (Liberta),18Geranium karmina (Cranesbill)

P5 **Plant Group 5**
area: 234m2
627 Molinia arundinacea
269 Verbena bonariensis (Argentinian vervain)

P6 **Plant Group 6**
area: 268m2
346 Stipa arundinacea (Pheasant's tail grass)
239 Agapanthus 'Northern Star'
266 "Achillea 'Terracotta' (yarrow)
213 Hemerocallis Catherine Woodbury OR yellow. (day lily)

P7 **Plant Group 7**
area 196m2
127no. Echinacea purpurea (coneflower), 392no. Sesleria autumnalis, 196no. Crocosmia Saracen.
157no. Pennisetum Fairy Tails. 98no.Stipa arundinacea (Pheasant's tail grass)

P8 Area: 11m2
33 no. Lonicera nitida 'Maigrun 2L pots

P3 **MEADOW PLANTING** (total area: 500m2) 75g/ 35 / 40m2, source 'Connecting To Nature' or similar and approved. **Grass seed and wildflower mix from a supplier that will guarantee Irish provenance.** Species to include : Agrimony, Wild Angelica, Water Avens, Hedge Bedstraw, Lady's Bedstraw, Meadow Buttercup, Red Campion, Figwort, Gypsywort, Hard Rush, Yellow Flag Iris, Purple Loosestrife, Meadowsweet, Ragged Robin, Devil's-bit Scabious, Pendulous Sedge, Self-heal, Sneezewort, Soft Rush, St John's-wort, Greater Bird's-foot Trefoil, Tufted Vetch
Use 150mm 'Enrich Wildflower Substrate' top soil from Enrich.ie or similar and approved. Soil to be manufactured to BS 3882:2015

RE SEED GRASS AREA where necessary
Address grassed areas needing repair caused by works by applying a minimum depth of 0.45 m of multipurpose grade topsoil conforming to BS 3882 standards. Level , rake and seed or turf with hard wearing amenity grass seed suitable for recreational wear and ball play. Care should be taken around RPA's of existing trees. No traffic to traverse area until grass fully established.

AMENITY GRADE TURF to be mown for play between the meadow
Laid on 150mm top soil supplied by Enrich.ie or EQA. Suitable grass types are a Perennial Ryegrass and Fescues dominated mixtures. Typical example would consist of : 20% Perennial Rye Grass, 10% Highland Bent, 20% Chewing Fescue, 40% Slender Creeping Red Fescue, 10% Smooth stalked Meadow Grass

Steel Edge to lawn

EXISTING STAND OF TREES
Do not encroach or disturb trees roots in this area

HARD LANDSCAPE MATERIALS

FOOTPATH SURFACING - tarmac
Anti skid tarmac surface in accordance with Kildare Co.Co design specification

8 no. BENCHES
Park bench with backrest and armrests. Steel structure, seat and backrest made of recycled composite timber slats. Fix according to manufacturers instructions, foundations to engineers specification Product: VERA code: LV756
length:1800
Manufacturer: mmcité or EQA and approved by Kildare coco

ERRATIC GRANITE BOULDERS
Boulders to have no sharp edges, rounded corners and de burred. Various sizes.
Length 1.0m - 1.50m, 500-700 height, 600mm - 900 wide.
Boulders are to sit 300mm below ground and maximum 400mm above ground. Prepare a stable and level foundation with a well consolidated base according to engineers specification.

Earth mound with sloped edge
Surface narrow pathway in rubber 'Safa grass' matting 1m width. Must meet EN1177 and BS7188 standards and comply or exceed their criteria.
Fix with plastic fixing pegs and joining ties to manufacturers instruction. Sow with heavy duty amenity grass. Sow rate per m2: 35-50g per m², grass 50% Dwarf Perennial Ryegrass, 50% Strong Creeping Red Fescue

PAVING AREA
Product type: Manhattan concrete paving block by Tobermore
manufactured to BS EN 1338:2003
Surface finish: textured granite aggregate, install to BS7533-3:2005 and according to manufacturers instructions
Size:Random lengths 250 x 122 x 80 40 300 x 122 x 80 40 300 x 164 x 80 20 400 x 122 x 80 40 400 x 164 x 80 20 500 x 122 x 80 20 500 x 164 x 80
Paving layout: Stretcher
Colour: Mid Grey

KERBSTONE on paved area
Product type: Tobermore concrete kerbstone
colour: Charcoal
manufactured to BS EN 1338:2003
Surface finish: tumbled kerb edging install to BS 7533-6:1999 and according to manufacturers instructions
Size: 160(length)x160 (width) x100(depth)

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Where dimensions are not given, drawings must not be scaled and the matter must be referred to the Landscape Architect. All dimensions must be checked on site prior to construction or fabrication.
The Landscape Architect must be informed, by the Contractor, of any discrepancies before work proceeds.

DATE	REV.	DESCRIPTION	DRAWN BY	CHECKED BY:
25/June/24		Additional footpath laid out		
25/June/24		Alterations to planting and tree species		

- General Notes:
- All paving bedding, site-specific sub-bases, build-ups, joints, footings, foundations, joint detailing, reinforcing bar details and bolts to consulting engineer's design, detail and specification, and to BS7997.
- Finished paving and building levels set by architects/ engineers.
- For details of finished building and site levels, approaches to dwellings such as sloped or level access, ramps or steps, please refer to architects'/consulting engineers' design detail and specification.

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ISSUE STATUS: TENDER

CLIENT: Kildare County Council	WORK STAGE: Setting Out	REVISION: --	
	DRAWING NO: 24-83-LM-01	1st ISSUE: 2024-04-24	
PROJECT: St.Catherines Park, Leixlip	DRAWN BY: MON	DATE ISSUED: 2024-06-28	
DRAWING: Landscape Masterplan/Planting Plan	PROJECT NO: 24-83	SCALE: 1:250	SHEET SIZE: A1
			CHECKED BY: MON

north
NORTH