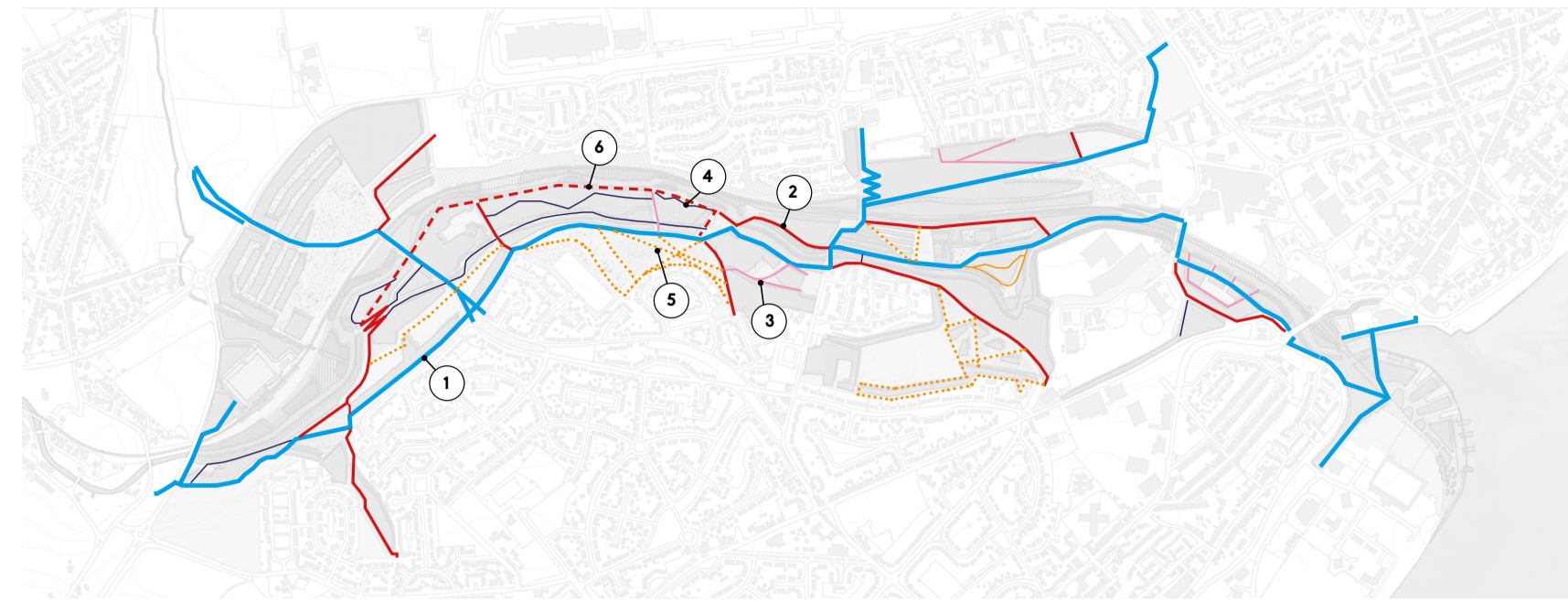


LEVEN RIVER PARK CONCEPT DESIGN MASTERPLAN PRODUCED OCTOBER 2021



Concept Design Masterplan River Park Routes - Path network hierarchy proposals

- Legend**
- Primary route (shared use, 3.5m wide)
 - Secondary route (shared use, 3m wide)
 - - - Secondary route raised walkway (shared use, 3m wide)
 - Tertiary route (shared use, 2.5m wide)
 - Non-cycling route (2m wide)
 - - - Mown grass path (2m wide)
 - 1 Path profile type (see adjacent page)

1. PRIMARY ROUTE

This is the key west-east route through the river park for all users. It will be accessible for all with gentle gradients and allows for shared use with both cyclists and pedestrians at 3.5m width.

2. SECONDARY ROUTE - 6. RAISED WALKWAY

These routes will provide supplementary paths throughout the river park and extend into communities. Like the primary routes, the paths will be accessible for all to Sustrans required specifications providing 3m width for shared use between cyclists and pedestrians. The example tile 6 shown adjacent illustrates how a perforated steel route could be fixed with screw piles above the existing pipeline running alongside the river.

3. TERTIARY ROUTE

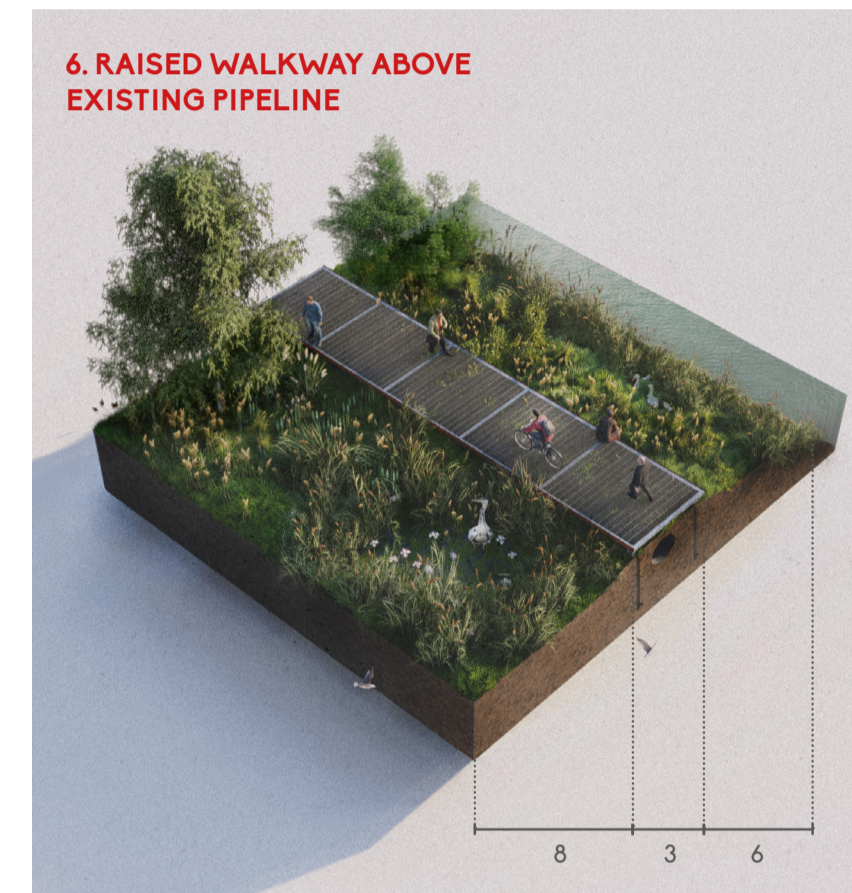
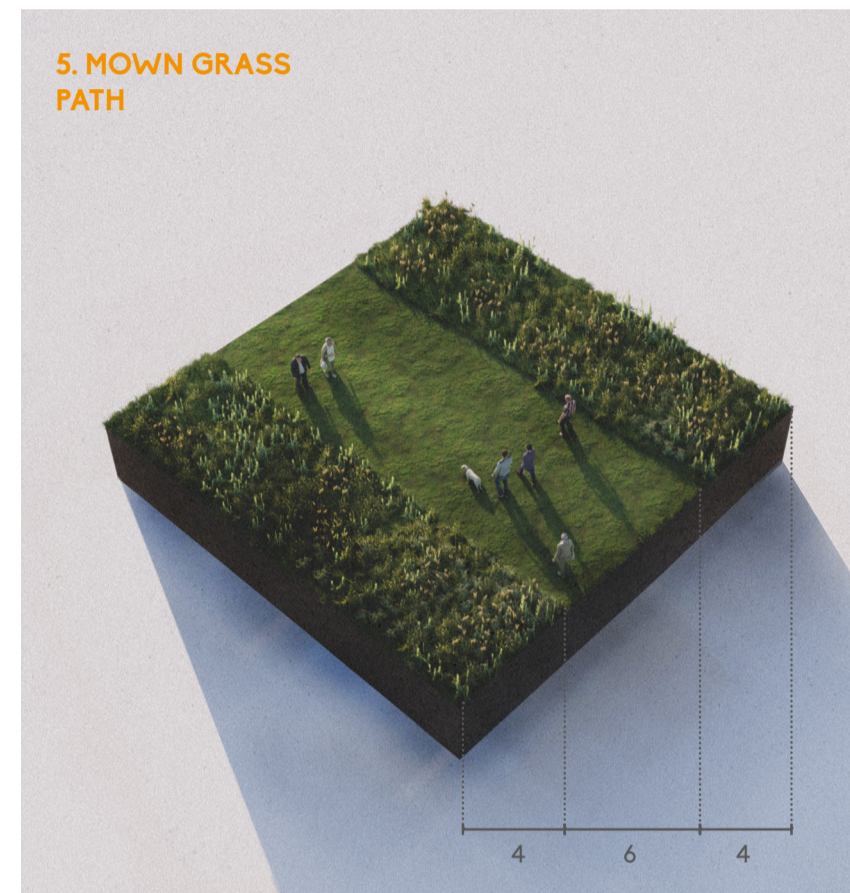
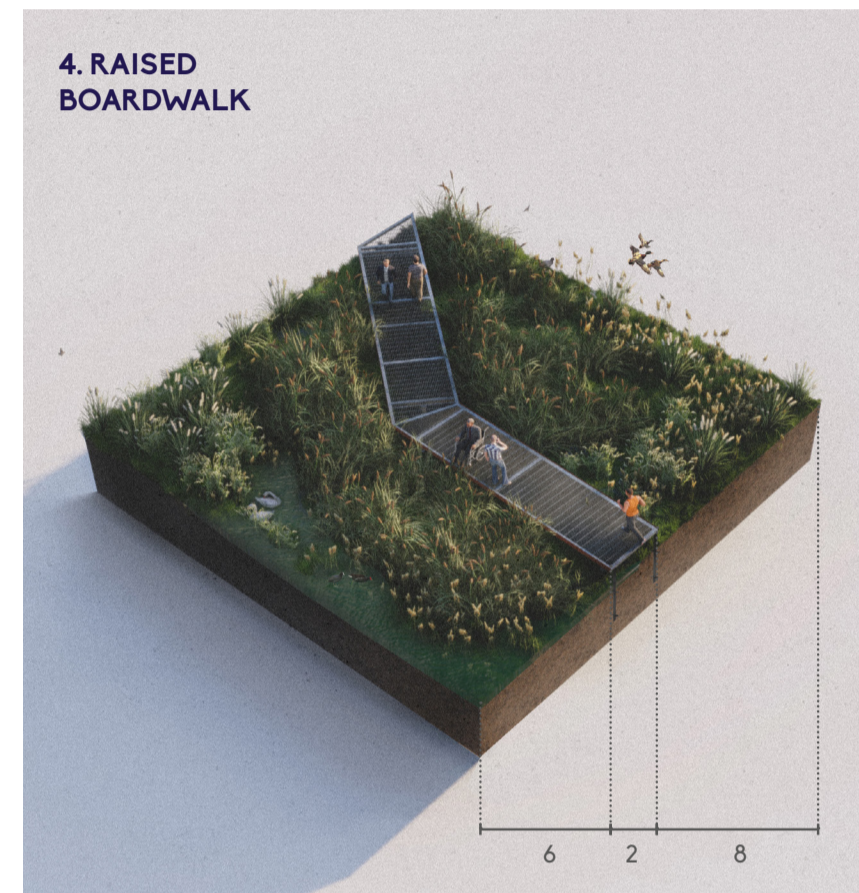
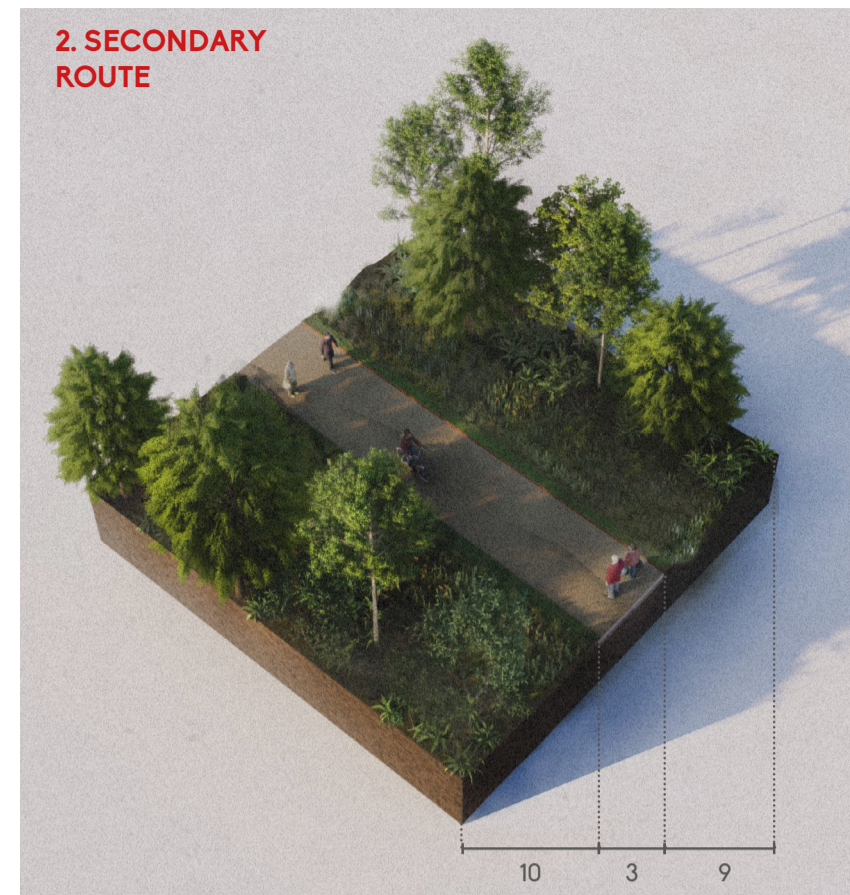
This route still permits shared use at the minimum width of 2.5m though it is expected to be less frequently used as the primary and secondary routes.

4. RAISED BOARDWALK

This route has been designed for sensitive habitats such as the wetland, the river's edge and the re-opened mill lade. The materiality will be finalised during Stage 3 - Detailed Design and is indicatively illustrated as perforated steel grating walkways.

5. MOWN GRASS PATH

These paths will be mown through grassland areas several times a year to maintain accessibility. The example shown adjacent is for a 6m wide route though widths will fluctuate throughout the river park depending on the surrounding habitat.



OVERVIEW

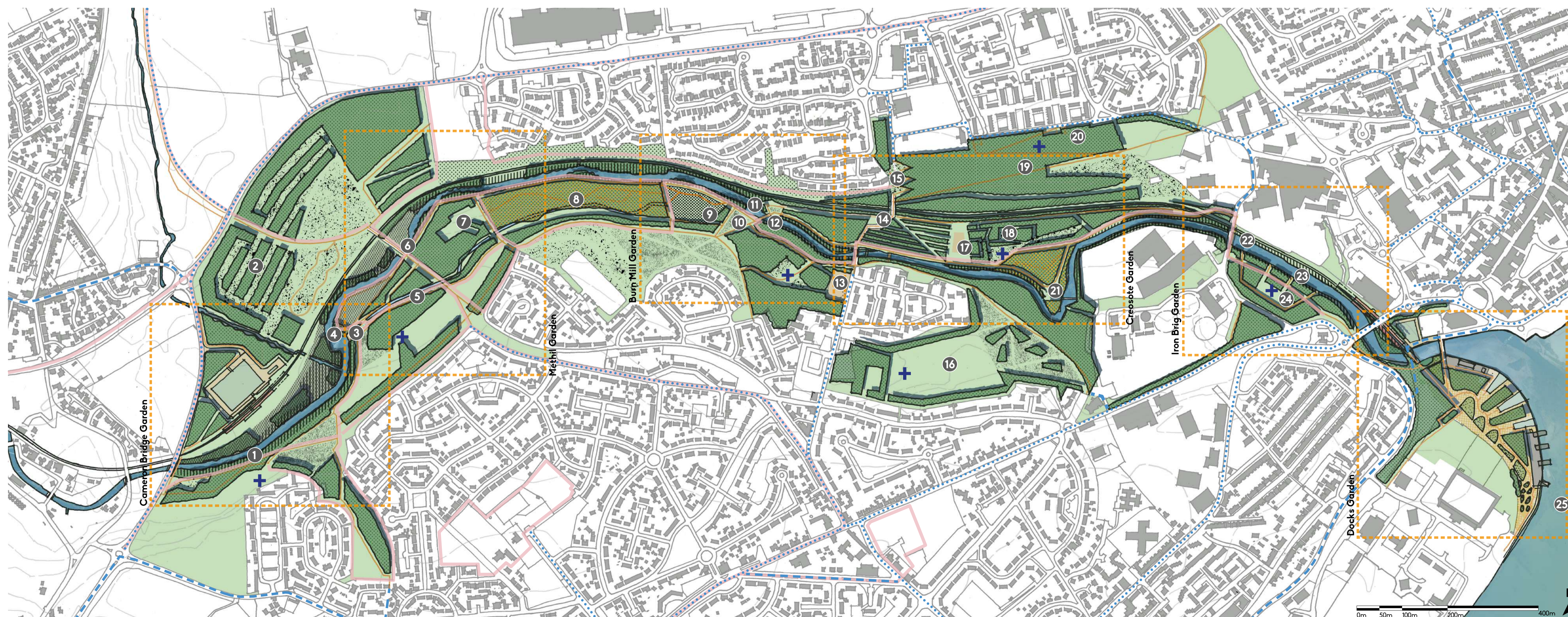
This panel illustrates the Concept Design Masterplan for the Leven River Park produced by Iglu Studio and submitted as part of the Places for Everyone funding application to Sustrans in October 2021. The proposed path network (highlighted left) in the masterplan formed the basis for the River Park Routes active travel network.

The proposed path network was based on the existing routes people use to move in, around and through the river valley. These routes are logical and functional direct links that fit the existing landscape form, features (slopes, vegetation, river) and destinations. The proposed path network for the River Park has been sense checked with the community at public events and through online engagement.

The proposed River Park Routes will make connections within the river valley to link residential areas, allow communities to cross the river as well as provide for proposed future facilities.

The existing routes are to be upgraded and widened and where required new routes will provide access for all in compliance with Sustrans Cycling by Design guidance, fully constructed with edging and foundations as required, varying in width from 3m to 4m wide.

This next development stage of the River Park Routes, detailed design, is the reason for these consultation events.



- Legend**
- Proposed pollinator corridors - Including wildflowers and pollinating vegetation
 - Proposed river valley path network - Smooth surface to Sustrans specifications
 - - - Proposed primary active travel network - Smooth surface to Sustrans specifications
 - - - Proposed secondary active travel network - Smooth surface to Sustrans specifications
 - Woodland - Existing woodland to be retained and reinforced with new native planting
 - Wet Woodland - Existing woodland thinned, managed and enhanced to establish flood tolerant area
 - River margin and embankment reinforcement - Including slope stabilising solutions
 - Floodplain - Existing wetland and low-lying river margins to be protected and managed to accommodate flooding
 - Gardens, Detailed Design Areas - Areas of focus where communities can meet, play, relax and socialise
 - Grassland / low meadow - Existing grassland to be maintained regularly
 - Grassland / high meadow - Existing grassland to be allowed to grow and renaturalise (good for biodiversity)
 - Wildflower - Existing grassland planted with wildflowers
 - Pollinator space - Existing south facing slope planted for nectarivorous insects
 - + Proposed play spaces - Including natural play elements such as mounding and tunnels. Potential for other play equipment.
- NB Two train stations will be situated at Carron Bridge and Leven, the exact locations are currently being finalised by Network Rail (October 2020)

- Features**
- 1 Woodland walk extended with viewing platforms through trees
 - 2 Proposed agroforestry trial landscape
 - 3 New viewing platform at Kirkland Dam
 - 4 Weir/dam upgraded to allow fish migration
 - 5 Former lade re-opened and exploration route
 - 6 Existing river bridge crossing upgraded to new active travel bridges across river and new rail-line
 - 7 Proposed Heritage trail focal point of former Methil Mill
 - 8 Re-connected lade and raised boardwalk through wet woodland
 - 9 Green roof shelter and observation hides above wetland
 - 10 Central gathering space with seating, wildflowers and interpretation boards
 - 11 New fishing platform at Burn Mill Dam, upgraded to allow fish migration
 - 12 New active travel bridge over pipe
 - 13 New housing units (16 no.) for Kingdom Housing Association, currently under construction
 - 14 New active travel bridges to cross rail line and the river
 - 15 Switchback pathway to address steep gradient down to river
 - 16 Community pitches and play facilities
 - 17 Potential community hub location with WC facilities
 - 18 Experimental community gardens and growing spaces
 - 19 Potential new pathways and community spaces within woodland
 - 20 Proposed lookout platform at top of slope
 - 21 Wet-woodland and river facilities - Canoeing? Screening of existing pipeline with vegetation?
 - 22 New active travel bridge / crossing to Iron Brig
 - 23 Viewing platforms cantilevered over river, through woodland, from Iron Brig Garden
 - 24 New co-designed community play space and car park
 - 25 Potential for seeding coastal fringe with seagrass