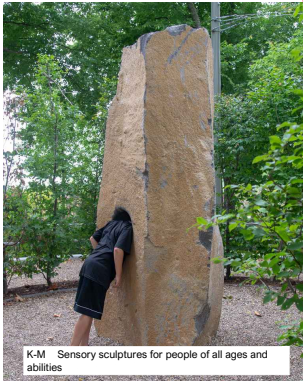




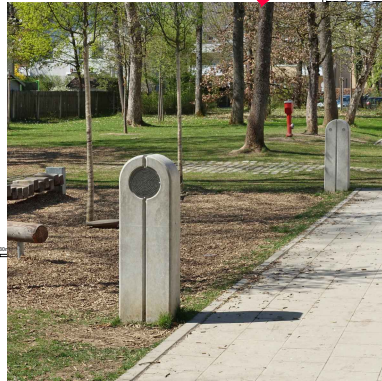
N Tree trunks repurposed as climbing structures

LOCATION OF SITE NOTICE MARKED 'X'



K-M Sensory sculptures for people of all ages and abilities

SENSORY SCULPTURES: PUBLIC OPEN SPACE
Simple elemental pieces of stone recall menhirs and ogham stones that dotted our landscape as way-finders, focal elements and markers. Sculptures such as 'Singing Stones', 'Turning Stones' and



'Phones' help welcome people to rest and 'play-along-the-way' in public open space. These pieces are fun, interactive, durable and vandal-resistant.



LANDSCAPE - NUMBERED KEY

- Sloped connection between Millbrook and River: 'Play-along-the-way' in the public amenity open space pathways between 'Millbrook' housing through the home-zone, to the southern boulevard avenue and gathering space. Sensory interactive contemporary stone sculptures (sound and tactile), rocky steps and concrete parabolic reflectors along the footpath. Wider footpaths and gathering spaces with seating help support and create a playable public open space. 'Snakes-and-ladders' play opportunities such as embankment slides and climbing ropes between the landings of the sloped path
- Riverside Amenity Park: 'Play-along-the-way' opportunities in the public amenity open space, along the slopes of the flood compensatory zone such as climbing trunks and ropes, embankment slides, boulders set into the landscape as balance trail and rocky playable steps
- Green Ginnels walking routes: 'Play-along-the-way' opportunities with sensory (acoustic and tactile) stone sculptures at focal points to assist way-finding, concrete play-phones at half-landings of steps
- Creche playspace with age, activity and curriculum appropriate play equipment and surfacing
- Riverside Amenity Park: inclusively-designed playspace for senior children of all abilities with high quality play equipment to act as an art feature when unoccupied, located at site entrance around the retained Oak trees to act as a signal and 'welcome mat'. Embankment slide and rocky play steps down to the playspace from 3.00m width path along the southern boulevard
- Riverside Amenity Park: inclusively-designed playspace for junior children of all abilities with high quality play equipment to act as an art feature when unoccupied, themed 'Mill'. Space enclosed with chestnut pale fencing and hedging, picnic space and seating alongside
- Oak Lawn: senior children's playspace for adventurous children
- Oak Lawn: junior children's playspace themed 'Home', enclosed with chestnut pale fencing and hedging
- Loop Walk through Oak Lawn: balance play for people of all ages and abilities, rocky playable steps directly linking dwellings to the lawn. Open lawn to support passive and active recreation
- Exercise area located at pedestrian site entrance, provided with pull-up bars, slack-lines and balance training play equipment for people of all ages and abilities
- Designated communal amenity open space provided with boules court, which can act as an all-weather gathering space for residents
- Designated communal amenity open spaces proximate to the apartments, enclosed with hedging



ALL AGES PLAY + EXERCISE AMENITY PLAN SCALE 1:2000@A1

and chestnut pale fencing. Landscaped with trees and hedging

AMENITY PLAY + INCLUSIVE DESIGN PRINCIPLES STRATEGY

"Children are a great indicator species for urban problems, because they are more vulnerable to traffic pollution, to car accidents. They have less range because they have shorter legs. They don't have any money or income and they can't drive. By designing well for children, what you're really doing is designing well for the most vulnerable in society, whether that be the elderly or disabled, or the less wealthy. It's a very equitable approach to design that can fall by the wayside if your focus is on getting 30-year-old commuters from A to B as quickly as possible." Sam Williams, co-author of Arup study 'Cities Alive: Designing for Urban Childhoods.

If we can make a successful place for children, then we can make a successful place for all people. In biology, the phrase 'indicator species' means an organism that the presence or lack thereof provides a clear signal about the health of an environment. Depending on the organism, its appearance can signal a healthy or an unhealthy environment. Tim Gill, in his recent book 'Urban Playground: How Child Friendly Planning & Design Can Save Cities', states that only when we provide high levels of 'children's mobility' (supporting their ability to get to spaces and facilities, especially independently) and 'play affordances' (the number, type and choice of playing spaces and facilities in a neighbourhood), are we in the 'desired quadrant' of a child-friendly design.

In the landscape design of the amenity open space at this residential development, we have taken the principle of a playable landscape as a key driver in the layout and sequence of the hierarchy of open space. Opportunities and considerations for play-along-the-way, wider footpaths to support safer children's movement, sensory play for people of all ages and abilities, and regular resting points with seating to enjoy views and to support ergonomic comfort have been located regularly throughout the design to support inclusive design principles.

'Play Along The Way' principles - Public Open Space: In the amenity public open space we have proposed a sequence of sculptural sensory play features along the pedestrian footpaths through the landscape. Pedestrians have been given priority in the public open space, with design details such as wider 3.00m footpaths provided where possible. Providing consideration in design of issues such as



A. Junior Children's play: play village themes in an inclusive wooden play-house structure



B. Senior Children's play: example of adventurous natural play in a wooden climbing structure



C. Creche + Junior Children: toddler table

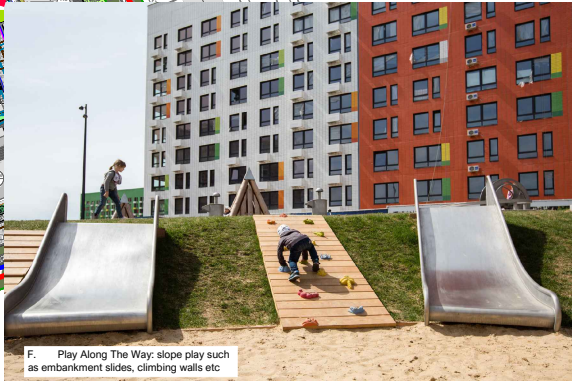


D. Creche + Junior Children: platform huts + houses



E. Creche + Junior Children: elemental and loose materials play

CRECHE: PLAY MATERIALS PALETTE We have selected equipment to supplement the play and learning activities that young children engage with at creche. Children love seats that are intended just for them. Here we have provided a seat for Circle Time at Montessori, where children can gather to play with loose materials outdoors, or can simply socialise together. Toddlers can play adventurously on the Hut Combination, while babies and less active toddlers play with loose materials (safety surfacing of playpark has inherent play value as a loose material) and team-work at the Caterpillar.



F. Play Along The Way: slope play such as embankment slides, climbing walls etc



G. LIASS: loose impact attenuating safety surfacing materials



H. Wooden animals to occupy routes to mimic the former agricultural and pastureland use of the site

IMPACT ATTENUATING SAFETY SURFACING: NATURAL MATERIALS Certified impact attenuating surfacing installed to meet EN 1176 + 1177, to 3.00m CFH. Well-graded, pine bark-based loose impact absorbing surfacing (LIASS) such as playpark are particularly suitable for use on playgrounds where the children are up to 6 years old. Nominal particle size 10-40mm, certified by FSC. Permeable surfacing

which drains quickly into sub-base. Elsewhere in the sequence of play and agility through the site, we have provided natural LIASS materials such as grass, silica play sand, pea gravel as these all have inherent play value and provide play in and of themselves.

children's everyday freedoms, opportunities to play, to meet and make friends, and to support children's independence in choice for their free time has been described as 'children's infrastructure' in 'Designing for Urban Childhoods' by Arup - compact neighbourhoods. Things like sociable streets, squares, good walkability, low levels of traffic - are things we all want in our home neighbourhoods. 'Play Along The Way' makes varied offers of play in the public realm, to create more free open space, and to encourage and support people of all ages and abilities to stay longer.

Creche Play Area: We have designed a creche amenity open space suitable for children's play ages 0-5, landscaped with toddler table and stools, multi-user adventure play equipment for toddlers, and elemental play equipment suitable for use by babies and toddlers. This has been considered with reference to age-appropriateness, play for all abilities, loose materials play, and support to a Montessori-type curriculum.

Communal Amenity Play: We have taken the principle on the provision of communal open space amenity play from the guidelines in 'Sustainable Urban Housing: Design Standards for New Apartments, Guidelines for Planning Authorities' (Department of Housing, Local Government and Heritage, 2020), where it is set out that a playspace or spaces (min. 85m²) for younger children, defined as toddlers and children up to the age of six, should be provided in residential developments of this size and scale. Suitably designed playspaces for older children (100-200m²) should be provided in larger-scale developments such as this one.

Such playspaces should have: 'suitable play equipment, seating for parents/guardians, and within sight of the apartment building'. The design standards note that 'The landscape design and orientation of play areas can contribute significantly to their amenity value...'

We have selected an 'all-in-one' high-quality play equipment in natural materials (coconut ropes, stainless steel, stone, larch with steel feet) designed to meet EN1176 and EN 1177, suitable for multi-user play simultaneously for children from 3 and above rather than single-user play elements such as swings to support inclusive play principles. We have added features to standard elements to ensure that there is playability at ground level for babies, young toddlers and children with disabilities. Seating has been provided proximate to all spaces so that parents, carers and guardians can gather near their children's play offer for supportive passive surveillance.



| LANDSCAPE ARCHITECTS & CONSULTANTS | | | |
|---|--|--|--|
| Boden Park, Ballyboden, Dublin 16, Ireland | | t: 01 9194397 e: info@landscape.ie | |
| PROJECT PROPOSED RESIDENTIAL DEVELOPMENT AT CARLEY'S BRIDGE, ENNISCORTHY, CO. WEXFORD | | | |
| CLIENT TORCA DEVELOPMENTS LTD | | PROJECT ARCHITECT BRIAN DUNLOP ARCHITECTS | |
| JOB NO. 20_174 | | STAGE PLANNING | |
| DRAWING AMENITY PLAY STRATEGY + PLAN, PLAY MATERIALS + EQUIPMENT PALETTE | | | |
| DRAWING NO. 20_174-PD-022 | | FIRST ISSUED 11.10.2021 | |
| DRAWN BY J COUGHLAN MILI | | CHECKED COLM KENNY MILI | |
| STATUS: PLANNING | | DATE ISSUED 2022-03-24 | |
| | | REVISION - | |
| NOTES: All dimensions are in millimeters unless otherwise stated and shall be checked and confirmed by the contractor on site. Any discrepancies shall be immediately reported to the landscape architect. Work to figured dimensions only - Do not scale from drawing. Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked. | | | |
| © THIS DRAWING IS COPYRIGHT OF LANDSCAPE DESIGN SERVICES | | | |