

LANDSCAPE - NUMBERED KEY

- 1. 2.00M WIDTH FOOTPATH + GRASS VERGE PROVIDED ALONG CARLEY'S
- BRIDGE ROAD 2. PEDESTRIAN SITE ENTRANCES
- 3. VEHICULAR SITE ENTRANCE
- 4. 20.00M WIDTH EXCLUSION CORRIDOR TO OVERHEAD LINE
- 5. EXTENT OF FLOOD COMPENSATORY MEASURES LOCATED IN 'MIDDLE ZONE' AS PER INLAND FISHERIES IRELAND GUIDELINES
- 6. 'COW PATH' LOOP WALK THROUGH RIVERSIDE AMENITY PARK WITH PLAY-ALONG-THE-WAY OPPORTUNITIES
- 7. PROTECTIVE CLEFT CHESTNUT FENCING TO PROTECT THE 'STREAMSIDE ZONE' OF THE URRIN RIVER AS PER INLAND FISHERIES IRELAND GUIDELINES 8. SENIOR CHILDREN'S PLAYSPACE AT THE OLD OAK TREES
- 9. GENTLY-SLOPED PATH TO PROVIDE UNIVERSAL DESIGNED ACCESS FROM THE SOUTHERN BOULEVARD AVENUE DOWN TO THE RIVERSIDE AMENITY PARK
- 10. 1:3 PLANTED GRADIENT SLOPING DOWN FROM THE LANDSCAPE COVER TO THE UNDERGROUND STORMWATER ATTENUATION TANKS 11. LIGHTWEIGHT BRIDGE CONNECTION OVER FIELD DRAIN TRIBUTARY TO
- **RIVER URRIN** 12. JUNIOR CHILDREN'S PLAYSPACE ENCLOSED WITH HEDGE + CLEFT CHESTNUT PALE FENCE

- 13. PLANTED BIOTOPES OF NATIVE SPECIES TRANSPLANTS, BULB DRIFTS, TREE PLANTING
- 14. SOUTHERN BOULEVARD WITH 3.00M WIDTH SHARED PEDESTRIAN/CYCLE PATHS EITHER OF STREET. PARKSIDE PATH TO BE FENCED WITH WOOD/STEEL ROAD SAFETY BARRIER. PLANTER BEDS AT APPROX EVERY 5-7 CAR PARKING BAY INTERVALS TO ENLIVEN AND GREEN STREETSCAPE 15. STEPPED LINK FROM SOUTHERN BOULEVARD TO GREEN GINNELS WALKING
- ROUTE
- 16. CENTRAL GATHERING SPACE AT OLD OAK TREE IN THE HEART OF THE DEVELOPMENT
- 17. GENTLY-SLOPED 3.00M WIDTH SHARED PEDESTRIAN AND CYCLE PATH TO SUPPORT PERMEABILITY THROUGH THE DEVELOPMENT, DIRECTLY LINKING THE HOMEZONE AREA TO THE SOUTHERN BOULEVARD AVENUE AND RIVERSIDE AMENITY PARK. PATH DESIGNED TO UNIVERSAL DESIGN PRINCIPLES WITH REGULAR RESTING PLACES AND LONGER LANDINGS. 'PLAY ALONG THE WAY' PRINCIPLES AND STEPPED SHORT-CUTS INTEGRATED ALONG THE ROUTE TO ENLIVEN IT FOR PEOPLE OF ALL AGES AND ABILITIES
- GENTLY-SLOPED 3.00M WIDTH SHARED PEDESTRIAN AND CYCLE PATH TO PROVIDE A LINK THROUGH THE SITE FROM ADJACENT HOUSING DEVELOPMENT OF MILLBROOK TO THE HOME ZONE AREA AND ONTO THE SOUTHERN BOULEVARD AVENUE AND RIVERSIDE AMENITY PARK ALONG THE BANKS OF THE URRIN RIVER
- 19. PROPOSED BRIDGE AND PATH CONNECTION FROM ADJACENT MILLBROOK

- 31. EASTERN GREEN GINNEL 32. DIRECT LEVEL ACCESS LINKING GREEN GINNEL ROUTE WITH GENTLY-SLOPED 3.00M WIDTH PATH

HOUSING DEVELOPMENT INTO THE SUBJECT SITE

'ACTIVE' SEQUENCE OF AMENITY OPEN SPACES

24. OAK SHELTER TO SUPPORT OUTDOOR GATHERINGS

26. CRECHE SECURE AMENITY OUTDOOR PLAYSPACE

21. JUNIOR CHILDREN'S PLAYSPACE ENCLOSED WITH HEDGE + CLEFT

25. JUNIOR CHILDREN'S PLAYSPACE OPENING TO THE SURROUNDING

23. 'OAK LAWN' LOOP WALK ALONG NORTH-EASTERN SITE BOUNDARY WITH

28. STEPPED LINK TO CREATE DIRECT CONNECTION BETWEEN OUTDOOR GYM

AREA AND STREETSCAPE WITH THE GREEN GINNELS WALKING ROUTE

29. PERIAN (GENTLY STEPPED) LINK TO ENABLE PEOPLE OF ALL AGES AND

20. SENIOR CHILDREN'S PLAYSPACE

CHESTNUT PALE FENCE

22. HOME ZONE AREA

LANDSCAPE

ABILITIES

27. OUTDOOR GYM AREA

30. WESTERN GREEN GINNEL



Wayfarer Tree, Holly: transplant whips planted in groups of varieties that repeat themselves along the hedge, to mature as a 'natural' hedgerow. Plant in staggered rows, 4 hedging transplants per m², 1 no. climbing plant per 0.5m length (e.g. Honeysuckle, Ivy, Dog Rose). Bark mulch at base with protective chestnut pale

> LUE DASHED LINE INDICATES EXISTING UL WATER LINE TO BE RETAINED WIT RAWINGS AND DOCUMENTS PREPARE SWEENEY CONSULTING ENGINEER

Proposed 480m³ Storage Capacity Attenuation System for Zone B. Invert level of system between 5.61m and 6.51m. Top Water level between 6.45m and 7.35m

Native shrub transplant mixes suitable for good water up-take and to provide distinctive habitat and food resources for wildlife, as well as to mature to provide visual screening to the development. Provide 75mm depth, medium-grade bark mulch topping to reduce weed growth and help transplants establish easily. 1 per m² density. PERENNIAL PLANTING - CG p9, 1L, 2L 3-9/m² density W3: NATIVE SHRUBS + TRANSPLANTS - SHADY SCRUB Native shrub + transplant mix with good water up-take, tolerance for partial shade and advice shrub + transplant mix with good water up-take, tolerance for partial shade and advice shrub + transplant mix with good water up-take, tolerance for partial shade and advice shrub + transplant mix with good water up-take, tolerance for partial shade and advice shrub + transplant mix with good water up-take, tolerance for partial shade and advice shrub + transplant mix with good water up-take, tolerance for partial shade and advice shrub + transplant mix with good water up-take, tolerance for partial shade and advice shrub + transplant mix with good water up-take, tolerance for partial shade and advice shrub + transplant mix with good water up-take, tolerance for partial shade and native cultivars and exotic species to ensure a **pollinator-friendly** planting mix in line with the 'National sloping environments, and to provide good habitat and food resources for wildlife. This primarily deciduous mix will to mature to provide visual screening to the development. Provide 75mm depth, medium-grade bark mulch topping to reduce weed growth and help transplants establish easily. Naturalised bulbs. GRASS VERGE TO ROAD VERGES (CARLEY'S BRIDGE ROAD) Seed with conservation native species wildflower and 'rough grass' meadow seed such as 'Short Cut Floral Lawn' by DBN, to be mown 6-8 weeks, or equivalent approved such as 'WF04 Tidy Town - Avenue and Approach Roads'

W1 + W2: NATIVE TRANSPLANTS - WOODLAND COPSES

GRASS LAWN TO DWELLINGS + OPEN SPACES areas to be leveled and topsoil spread to provide a multi-purpose lawn suitable for amenity play by children, or planting as a vegetable garden or orchard. 250mm depth BS 5837:2012 + LA's Planting Details. Root barriers to be provided to all trees within 2.00m of underground multi-purpose grade topsoil to lawns; amenity grass lawns seeded with a hard-wearing services, foundations or walls. Trees planted in excavated tree pits, desired pit area approx 4.00m², 1.00m amenity non-rye grass seed mix by Coburns and mown regularly NEW GRASS VERGE TO FOOTPATH VERGES (WITHIN SITE) Seed with conservation native species wildflower and 'rough grass' meadow seed such as 'Short Cut Floral Lawn' by DBN or equivalent approved, to be mown every 6-8 NEW WILDFLOWER MEADOW/ROUGH GRASS SLOPES

be mown every 6-8 weeks. Add Bluebells and Hedge Stichwort. Plant with bulbs as per drawing. NEW WETLAND WILD FLORA MEADOW

Seed with conservation native species wildflower and 'rough grass' meadow seed such as 'Wetland Wild Flora (Seasonally Flooded)' by DBN or equivalent approved, to be mown every 6-8 weeks. Add Bluebells and Hedge Stichwort. Plant with bulbs as per drawing.



SLOPED 3.00M PATH

Type 3 Foul Pumping Station incorporating emergency storage tank of 112m².

Proposed Washout Hydrant installed in accordance with the Irish Water Standard Detail STD-W-30A Re

Pollinator Plan'. These plants should establish quickly requiring minimised maintenance. PERENNIAL PLANTING TYPES: P1 P2 P3 P4 P1, P2, P3 and P4 primarily 'rain-garden' type ornamental grasses/ferns: flowering perennial planting in an approximate ratio of 70:30 suitable for bio-retention in a mix of

DRIFTS OF BULB PLANTING

on soil type and landscape conditions

schedule All tree pits to be approved by Landscape Architect prior to planting. All trees to have a 2.0m ht clear stem unless otherwise specified as multi-stemmed or feathered trees, to ensure clear visibility for pedestrians. Trees either triple-staked, double-staked, guyed underground & supplied with planting accessories as per depth. No services routes to be planned through tree-pits. Appropriate Plant Passports to be provided for trees. Trees to be 'hardened off' in a nursery in Ireland for min. two years before planting, preferably grown in Ireland for bio-security reasons. SEMI-MATURE TREES

> Aesculus hippocastanum, 4xtr/ wrb/25-30cmg/5.00-5.50m ht Pinus sylvestris, 4xtr/wrb/ 25-30cmg/ 5.00-5.50m ht. SbP Salix babylonica 'Pendula', 4xtr/ wrb/25-30cmg/5.00-5.50m ht **Qp** Quercus petraea, 4xtr/ wrb/25-30cmg/5.00-5.50m ht (grown in Ireland) SEMI-MATURE TREES + HEAVY STANDARD TREES Ace Acer campestre 'Elsrijk', 3xtr/ wrb/18-20cmg/4.50-5.00m ht Gts Gleditsia triacanthos 'Skyline', 3xtr/ wrb/18-20cmg/4.50-5.00m ht. Liquidambar styraciflua 'Worplesdon', 3xtr/ wrb/20-25cmg/4.50-5.00m ht. Liriodendron tulipifera 'Fastigiata', 3xtr/ wrb/20-25cmg/4.50-5.00m ht. Nvssa sv/vatica. 3xtr/ wrb/18-20cmg/4.50-5.00m ht. QrF Quercus robur 'Fastigiata', 3xtr/ wrb/18-20cmg/4.50-5.00m ht. Tilia cordata 'Green Spire', 3xtr/ wrb/18-20cmg/4.50-5.00m ht.

