Roadside kerb to DCC specification 12. Granular back-fill: CL505 Clean Angular Stone to engineer's design detail and 200mm width area paved in Leinster granite setts to DCC specification specification 13. EXISTING SERVICES ROUTES APPROX 300mm 750mm and 1900mm BELOW Edge Restraint: Solid Leinster granite kerbs, flamed finish, 250x125x600-900mm, 20mm R bull-nosed corners, mitre-cut to exposed corners. Secured in place with ST30 PAVING LEVEL - existing services to be treated as per specification notes. Indicative illustration only - refer to Street Plan by DCC and GPR Survey drawing concrete foundation haunching, min. depth of foundations 200mm thickness. Excavate trench and pit and place filter media, growing media, drainage layer 14. KERB-CUT TO ALLOW OVERSPILL OF INUNDATION WATER DURING CLOUDBURST Freeboard: min. depth 100mm measured from the carriageway or footpath level to the top of the top soil to provide potential water storage during 'cloud-burst' events 15. Vegetation: mix of native and exotic species of shrubs, grasses and ground cover plants Non-organic mulch layer: 50mm depth washed and dried angular aggregate, e.g. suitable for bio-retention at density 9/m<sup>2</sup>; bulbs at 10/m<sup>2</sup> density. locally sourced sandstone/granite. Sample to be approved by DCC/Landscape architect. 16. Kerb-Cut Inlet Detail/Edge Restraint: Solid Leinster granite kerb, flamed finish, 250x125x600-900mm, 20mm R bull-nosed corners, mitre-cut to exposed corners. Plants to be part-planted into mulch layer, part-planted into filter layer. Filter fabric: geotextile separator layer to line excavated bio-retention area Secured in place with ST30 concrete foundation haunching, min. depth of foundations Filter Growing media layer: refer to detailed specification notes for rain-garden soils 17. Side slope gradient from kerb-cut inlet: 8-10° gradient slope down to filter medium to Transition layer: filter layer of pea gravel to prevent the washing of fines from the filter provide 'freeboard' storage in inundations, planted with vegetation; at kerb-cut inlet slope medium into the drainage layer Filter fabric: non-woven geotextile fabric separator layer to prevent granular materials to be hard-landscaped with cobbles/setts to slow surface water ingress and fines mixing with the drainage layer 10. Drainage layer: refer to detailed specification notes for rain garden sub-soil 18. Stone cobbles or setts: Leinster granite rounded pebbles or salvaged cobbles (in 11. Ground: Free-draining and un-compacted sub-soil to ensure that water can soak or varying heights and sizes) set in C30/35 concrete on 8-10% slope to slow surface water infiltrate into the ground flow into the planter for min. 300-650mm distance from kerb edging into planter NOTE: PLAZA PAVING TO 'SHEET-FALL' TO PLANTED AREA 'KERB-CUT' INLETS PIT/ TRENCH BACK-FILL SOIL ROADSURFACE (11)INFILTRATION INFILTRATION INFILTRATION LONG SECTION B-BB' (AT 'KERB-CUT' INLET) INDICATING PRESENCE OF UNDERGROUND SERVICES **SCALE** 1:20@A1 APPROX 350MM BELOW PAVING LEVEL - existing services to be treated as per specification notes. Indicative illustration only - refer to Street Plan by DCC and GPR Survey drawing PLAZA PAVING BY ARCHITECTS Edge Restraint: Solid Leinster granite kerbs, flamed finish, 250x125x 600-900mm, 20mm R bull-nosed corners, mitre-cut to exposed corners. Secured in place with ST30 concrete foundation haunching, min. depth of foundations 200mm thickness, foundations to engineer's design detail and specification Granular back-fill: CL505 Clean Angular Stone **Planting trench base:** Break up base of trench to ensure free  $\geq$ drainage + no standing water. EXISTING SERVICES ROUTE APPROX 600MM BELOW PAVING LEVEL -STATUS: existing services to be treated as per specification notes. Indicative illustration only - refer to Street Plan by DCC and GPR Survey drawing. NOTIONAL SECTIONAL ELEVATION INDICATING PRESENCE OF UNDERGROUND SERVICES (TO HEDGE TRENCH) **SCALE** 1:20@A1

## GENERAL 'SOFT' LANDSCAPE MATERIALS - OUTLINE SPECIFICATION KEY

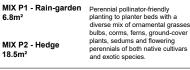
Planting has been specified with a mix of exotic species to respond to climate change ssues, occasional inundations and to provide pollinator plants in the urban setting.

## PLANTER BEDS GENERALLY

- and sub-soil.

  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 min. 450mm depth
- multi-purpose grade topsoil to BS:3882 on min. 450mm depth free-draining



MIX P3 - Bulbs (in area of limited excavations)

INLET DETAIL/EDGE RESTRAINT:

Solid Leinster granite kerb, flamed finish, 250x125x600-900mm, 20mm R bull-nosed corners, mitre-cut to exposed corners. Secure in place with ST30 concrete foundation haunching, min. depth of foundations 200mm thickness. Provide 100mm gap at 900mm centres to create a number of small gap 'kerb-cut' type inlets. Provide Leinster granite rounded pebbles or salvaged cobbles (in varying heights and sizes) at kerb-cut inlet point set in C30/35 concrete on 8-10% slope to slow surface water flow into the plants

PIT/ TRENCH BACK-FILL SUB-SOIL

(Above) Example of a Kerb-cut Inlet detail, with cobbles embedded in concrete, to slow the speed of surface water draining into the rain garden (coming from a transverse fall across the carriageway), to prevent soil erosion and scouring.



Boden Park, Ballyboden, Dublin 16, Ireland

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LIENT PROJECT ARCHITEC UBLIN CITY COUNCIL DUBLIN CITY COUNCIL PLANNING REFERENCE

AWING
NDSCAPE PLAN, CONSTRUCTION DETAIL - ELEVATION OF HEDGE

OUGHLAN MI

2022.06.15 COLM KENNY MIL SCALE REVISION 1:20 @ A3

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