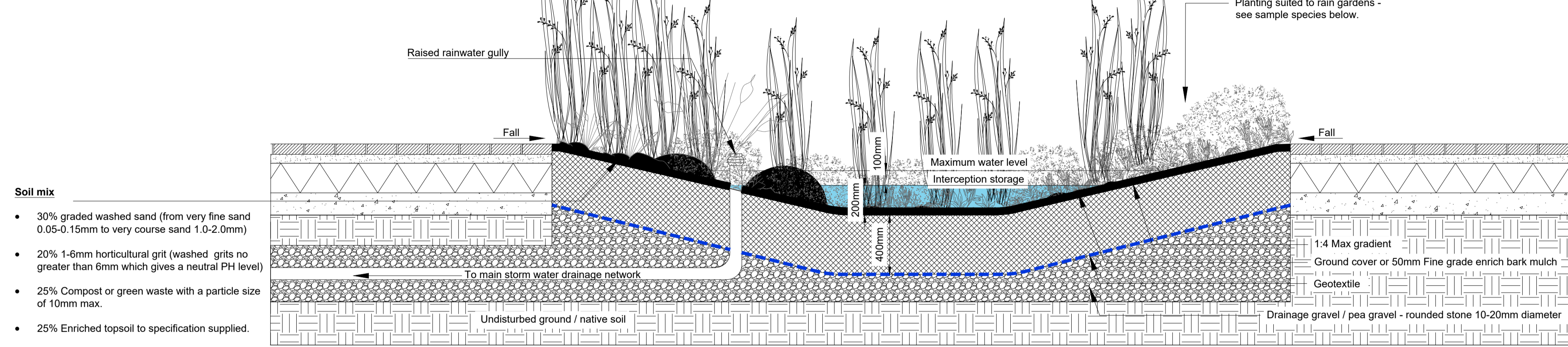
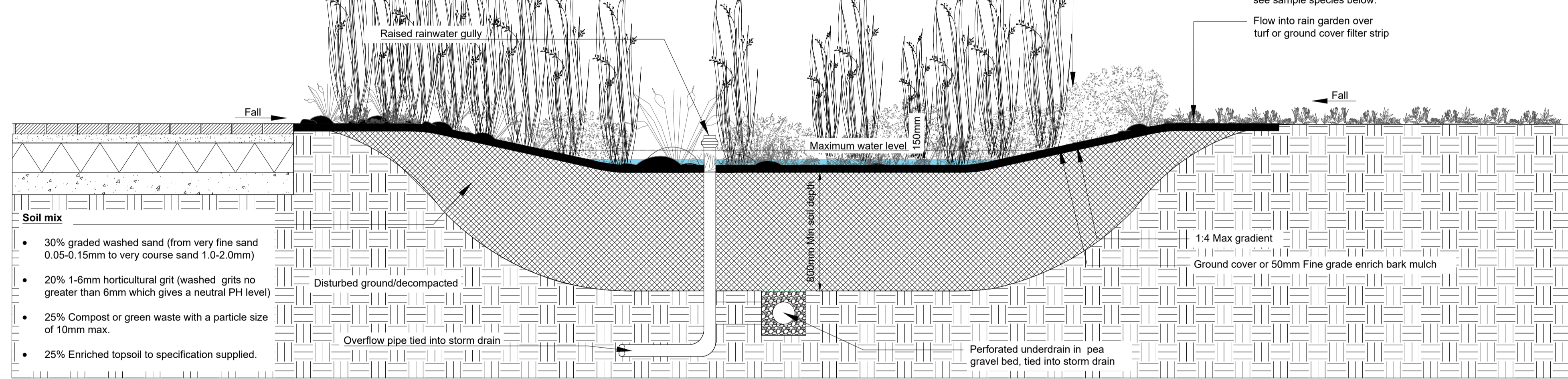


Typical rain garden detail in undisturbed ground situations with adjacent hard surfacing  
Scale @ 1:20



- Soil mix**
- 30% graded washed sand (from very fine sand 0.05-0.15mm to very coarse sand 1.0-2.0mm)
  - 20% 1-6mm horticultural grit (washed grits no greater than 6mm which gives a neutral PH level)
  - 25% Compost or green waste with a particle size of 10mm max.
  - 25% Enriched topsoil to specification supplied.

Typical rain garden detail in disturbed ground situations (with adjacent hard surfacing/softscape edge as shown)  
Scale @ 1:20



- Soil mix**
- 30% graded washed sand (from very fine sand 0.05-0.15mm to very coarse sand 1.0-2.0mm)
  - 20% 1-6mm horticultural grit (washed grits no greater than 6mm which gives a neutral PH level)
  - 25% Compost or green waste with a particle size of 10mm max.
  - 25% Enriched topsoil to specification supplied.

**enrich**

**Enrich ProGrow**  
Enrich ProGrow is Manufactured to the British Soil Standard B.S. 3882:2015

Range of Use	The soil is suitable for most garden projects, such as raised vegetable planting and seed establishment.
Material	Topsoil, peat-free compost, horticultural grit.
Purity	Sustainable free from physical and chemical contaminants and pathogens.
Size Distribution	100% passing through 25mm screen. 50% passing through 10mm screen.
Soil Texture	Sandy Clay Loam
Moisture Content	12 - 30%
Conductivity	<3300 µS/cm
Plant Available Nutrient Values	Enrich Avg.
Total Nitrogen	>0.290 %w/w
Available Phosphorous	25 - 125 mg/L
Available Potassium	300 - 1,000 mg/L
Available Magnesium	120 - 500 mg/L
Available Calcium	>1,200 mg/L
Available Copper EDTA	~7 mg/L
Available Zinc EDTA	~10 mg/L
Available Sodium	~88 mg/L
Available Sulphate	~630 mg/L
Hot Water Soluble Boron	~1.3 mg/L
Organic Matter (LOI)	5 - 15 %w/w
pH Value	6 - 8.5
Carbon : Nitrogen Ratio	>12 : 1
Bulk Density	800 - 1,200 g/L

HEALTHY SOIL HEALTHY PLANTS HEALTHY PEOPLE

Enrich Environmental Limited  
Larch Hill, Kilsnook, Co. Meath,  
Ireland, W023 V05DN  
T: +353 1 810 3672  
E: info@enrich.ie  
W: www.enrich.ie

**enrich**

**Enrich Fine Bark Mulch**

Range of Use	This premium grade fine bark provides a beautiful dark brown finish for flower beds and borders. It is ideally suited as a protective layer over flower beds where it suppresses weed development and helps reduce moisture loss.
Material	100% natural product and FSC certified
Purity	Sustainable free from physical and chemical contaminants and pathogens.
Particle Size	2-25mm
Wood Content	<5%
pH Value	4.5 - 5.8
Safety	BS 4790 : 1987 Fire tested
Bulk Density	300-450 kg/m³
Process	Natural heat treatment

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- Rain Garden Planting Species**
- Shrubs**
- Viburnum opulus*
  - Cornus sanguinea 'Midwinter Fire'*
  - Cornus sanguinea 'Faviramea'*
  - Sambucus 'Black Lace'*

- Herbaceous perennials**
- Iris siberica*
  - Iris pseudacorus*
  - Crocus x crocosmiiflora*
  - Helleborus foetidus*
  - Eupatorium cannabinum*
  - Juncus effusus*
  - Inula hookeri*
  - Rudbeckia fulgida*
  - Liatris spicata*
  - Ligularia dentata*
  - Echinacea purpurea*

- Ornamental Grasses:**
- Miscanthus sinensis*
  - Panicum virgatum*

- Ferns**
- Osmunda regalis*
  - Dryopteris felix-mas*
  - Dryopteris dilatata*



Example Herbaceous Planting Species



Example Shrub Planting Species

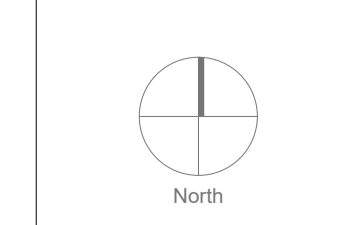


Example Grass Planting Species



Example Fern Planting Species

Rev.	Date	Note
00.	00.00.0000	TBC



General Notes

Doyle & O'Troigh  
Landscape Architecture

Project Name	Nr. 1 Adamstown Boulevard	Drawing Name	Rain Garden details
Status	Compliance	Drawing No.	LD-01-CE
Project No.	21-038	Revision No.	00
Scale	1:25	Drawn By	D O'T
Date	10/01/2024	Checked By	D O'T
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