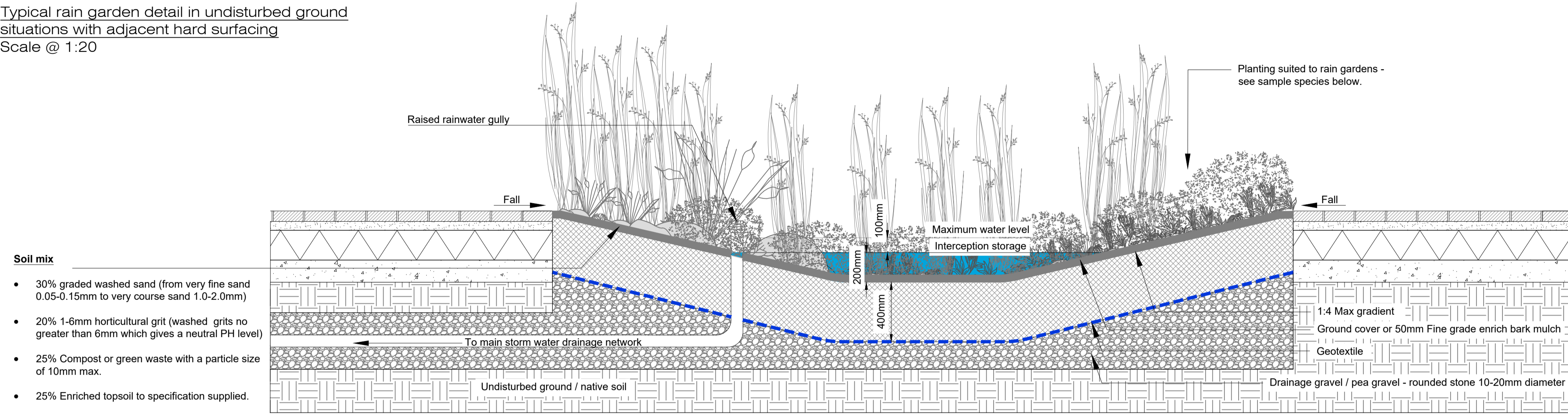
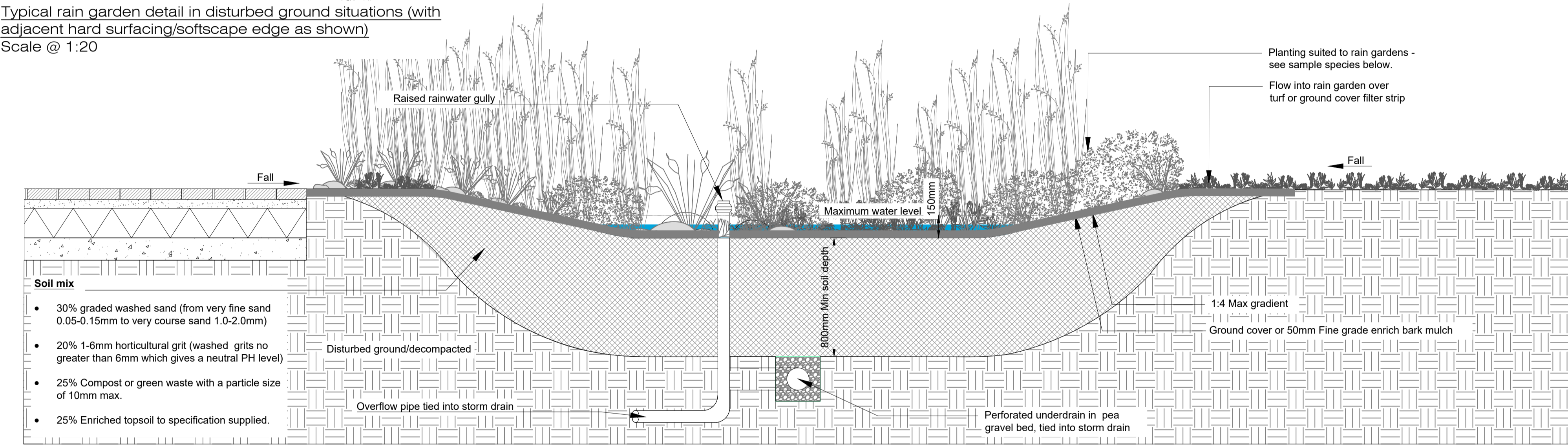


Typical rain garden detail in undisturbed ground situations with adjacent hard surfacing  
Scale @ 1:20



- 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 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.
Soil Texture	50% passing through 10mm screen.
Moisture Content	Sandy Clay Loam
Conductivity	12 - 30%
Plant Available Nutrient Values	<3300 µS/cm
Total Nitrogen	Enrich Avg. >0.290 %w/w
Available Phosphorus	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, Kilsbuck, Co. Meath  
Ireland, W23 WDGN  
T: +353 1 615 3872  
E: info@enrich.ie  
W: www.enrich.ie



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*
  - Crocsmia 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

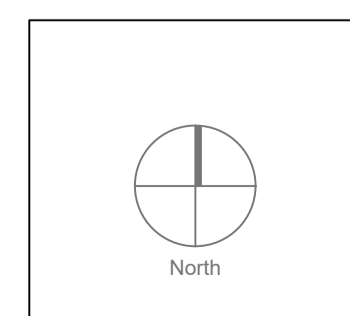


Example Grass Planting Species



Example Fern Planting Species

Rev.	Date	Note
00.	00.00.0000	TBC



General Notes



Project Name Student accommodation Prussia Street	Drawing Name Landscape details 1 of 4 Rain Garden
Status Planning	Drawing No. LD-01-PP
Project No. 23-031	Revision No. 00
Scale 1:20	Drawn By J.A.
Date 21/12/2023	Checked By D&O'T
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