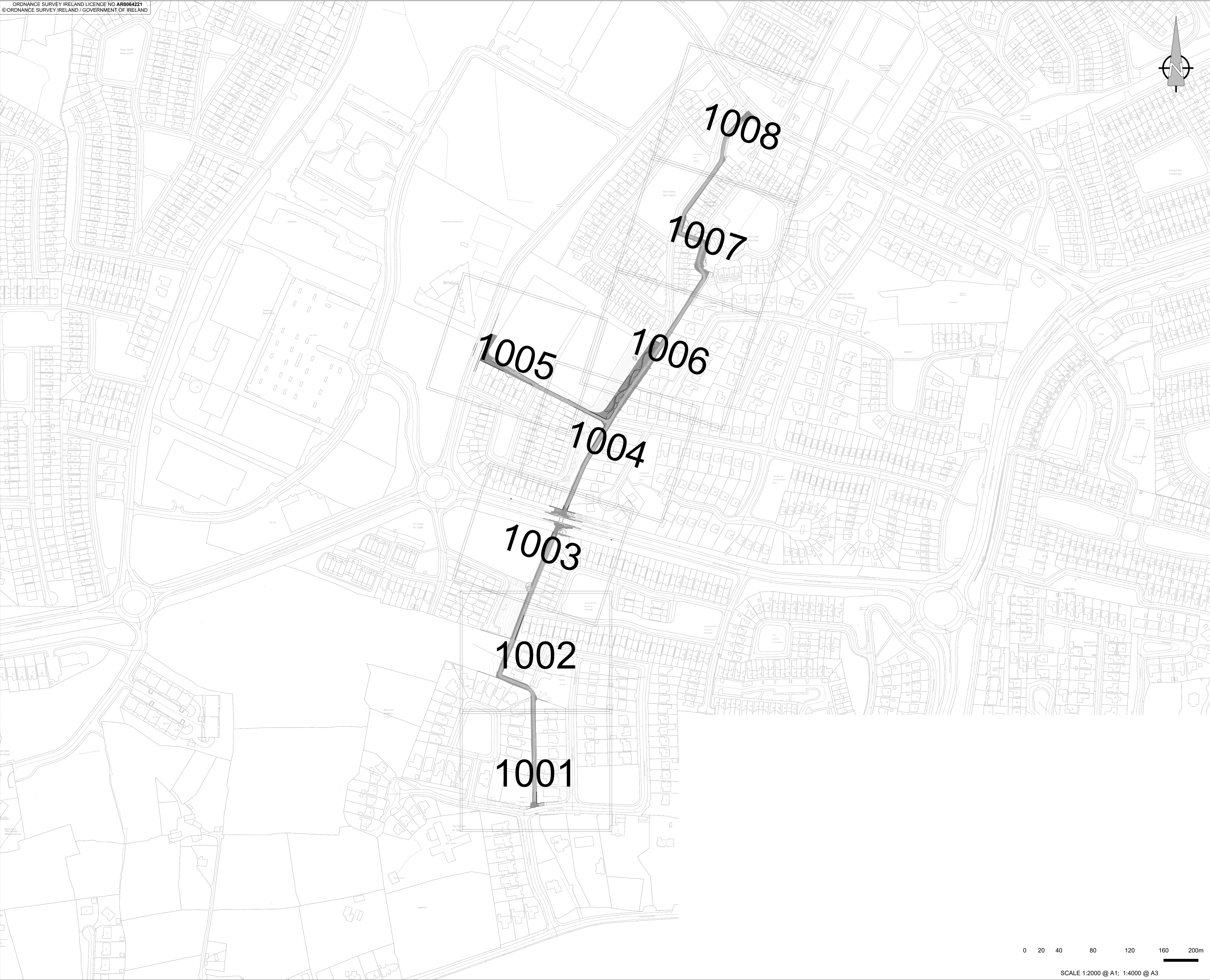


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PROJECT

Millar's Lane Pedestrian and Cycle Route

CLIENT



CONSULTANT

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KEY PLAN

PROJECT NUMBER

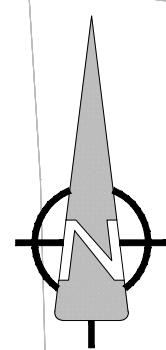
60656025

SHEET TITLE

LANDSCAPE KEYPLAN

SHEET NUMBER

60656025-SHT-20-L-0002



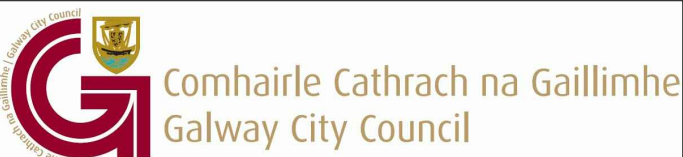
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LEGEND

	Wildflower Mix 1 - Traditional Meadow Mix
	Wildflower Mix 2 - Pollinator Mix
	Wildflower Mix 3 - Short Cut Floral Lawn
	Wildflower Mix 4 - Medium Height Meadow Mix
	Wildflower Mix 5 - Tall Meadow Mix
	Bulb Mix
	Amenity Grass Mix
	Shrub Mix
	Gravel
	Proposed Tree
	Existing Tree
	Granite Setts
	Exposed Aggregate Concrete

ISSUE/REVISION

AECOM
DRAFT

A	JULY 2021	ISSUED FOR INFORMATION
I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

60656025

SHEET TITLE

GENERAL ARRANGEMENT
SHEET 1 OF 8

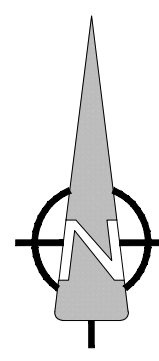
SHEET NUMBER

60656025-SHT-20-L-1001


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A GENERAL ARRANGEMENT
141.2 Scale: 1:250



PROJECT
Millar's Lane Pedestrian
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- LEGEND**
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 - Wildflower Mix 2 - Pollinator Mix
 - Wildflower Mix 3 - Short Cut Floral Lawn
 - Wildflower Mix 4 - Medium Height Meadow Mix
 - Wildflower Mix 5 - Tall Meadow Mix
 - Bulb Mix
 - Amenity Grass Mix
 - Shrub Mix
 - Gravel
 - Proposed Tree
 - Existing Tree
 - Granite Setts
 - Exposed Aggregate Concrete

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KEY PLAN

PROJECT NUMBER
60656025

SHEET TITLE
GENERAL ARRANGEMENT
SHEET 2 OF 8

SHEET NUMBER
60656025-SHT-20-L-1002


ISO A1 594mm x 841mm
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Approved: JS
Designer: TM
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LEGEND	
	Wildflower Mix 1 - Traditional Meadow Mix
	Wildflower Mix 2 - Pollinator Mix
	Wildflower Mix 3 - Short Cut Floral Lawn
	Wildflower Mix 4 - Medium Height Meadow Mix
	Wildflower Mix 5 - Tall Meadow Mix
	Bulb Mix
	Amenity Grass Mix
	Shrub Mix
	Gravel
	Proposed Tree
	Existing Tree
	Granite Setts
	Exposed Aggregate Concrete

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60656025

SHEET TITLE
GENERAL ARRANGEMENT
SHEET 3 OF 8

SHEET NUMBER
60656025-SHT-20-L-1003

Project Management Initials: Designer: TM Checked: BNM Approved: JS ISO A1 594mm x 841mm


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PROJECT
Millar's Lane Pedestrian and Cycle Route














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LEGEND

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	Wildflower Mix 2 - Pollinator Mix
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	Wildflower Mix 4 - Medium Height Meadow Mix
	Wildflower Mix 5 - Tall Meadow Mix
	Bulb Mix
	Amenity Grass Mix
	Shrub Mix
	Gravel
	Proposed Tree
	Existing Tree
	Granite Setts
	Exposed Aggregate Concrete

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60656025

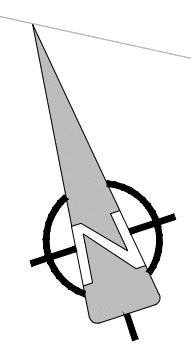
SHEET TITLE
GENERAL ARRANGEMENT
SHEET 4 OF 8

SHEET NUMBER
60656025-SHT-20-L-1004

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ISO A1 594mm x 841mm



A GENERAL ARRANGEMENT
141.5 Scale: 1:250



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Millar's Lane Pedestrian and Cycle Route

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Galway City Council



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LEGEND


 Wildflower Mix 1 - Traditional Meadow Mix


 Wildflower Mix 2 - Pollinator Mix


 Wildflower Mix 3 - Short Cut Floral Lawn


 Wildflower Mix 4 - Medium Height Meadow Mix


 Wildflower Mix 5 - Tall Meadow Mix


 Bulb Mix


 Amenity Grass Mix


 Shrub Mix

 Gravel

 Proposed Tree

 Existing Tree

 Granite Setts

 Exposed Aggregate Concrete

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KEY PLAN

PROJECT NUMBER

60656025

SHEET TITLE

GENERAL ARRANGEMENT
SHEET 5 OF 8

SHEET NUMBER

60656025-SHT-20-L-1005

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LEGEND

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- Bulb Mix
- Amenity Grass Mix
- Shrub Mix
- Gravel
- Proposed Tree
- Existing Tree
- Granite Setts
- Exposed Aggregate Concrete

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60656025

SHEET TITLE

GENERAL ARRANGEMENT
SHEET 6 OF 8

SHEET NUMBER

60656025-SHT-20-L-1006

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141.6 Scale: 1:250

ISO A1 594mm x 841mm
Project Management Initials: Designer: TM
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 **NTA**
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KEY PLAN

PROJECT NUMBER

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SHEET TITLE

GENERAL ARRANGEMENT
SHEET 7 OF 8

SHEET NUMBER

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ISO A1 594mm x 841mm
Project Management Initials: Designer: TM Checked: BMcM Approved: JS

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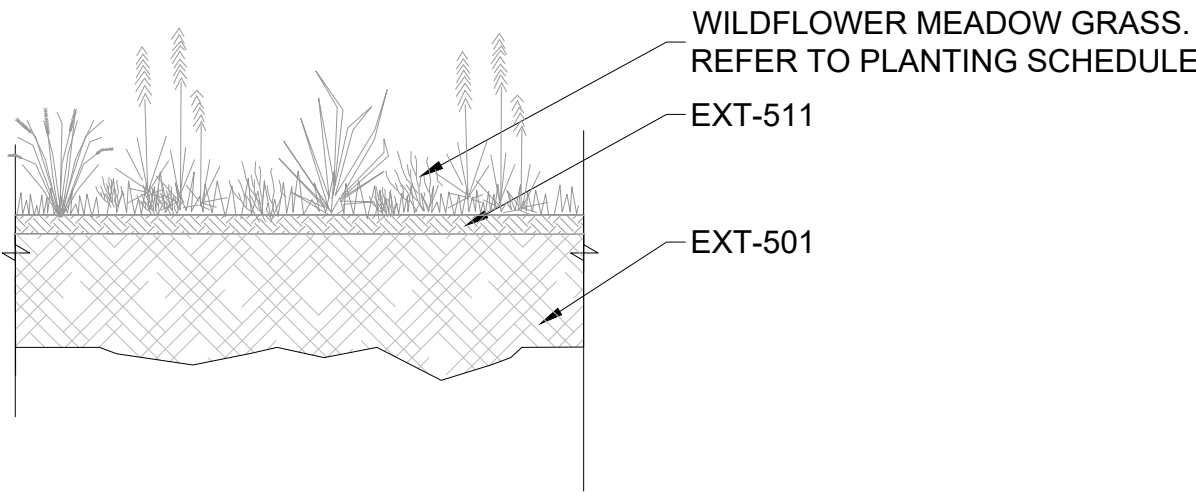
GENERAL ARRANGEMENT
SHEET 8 OF 8

SHEET NUMBER

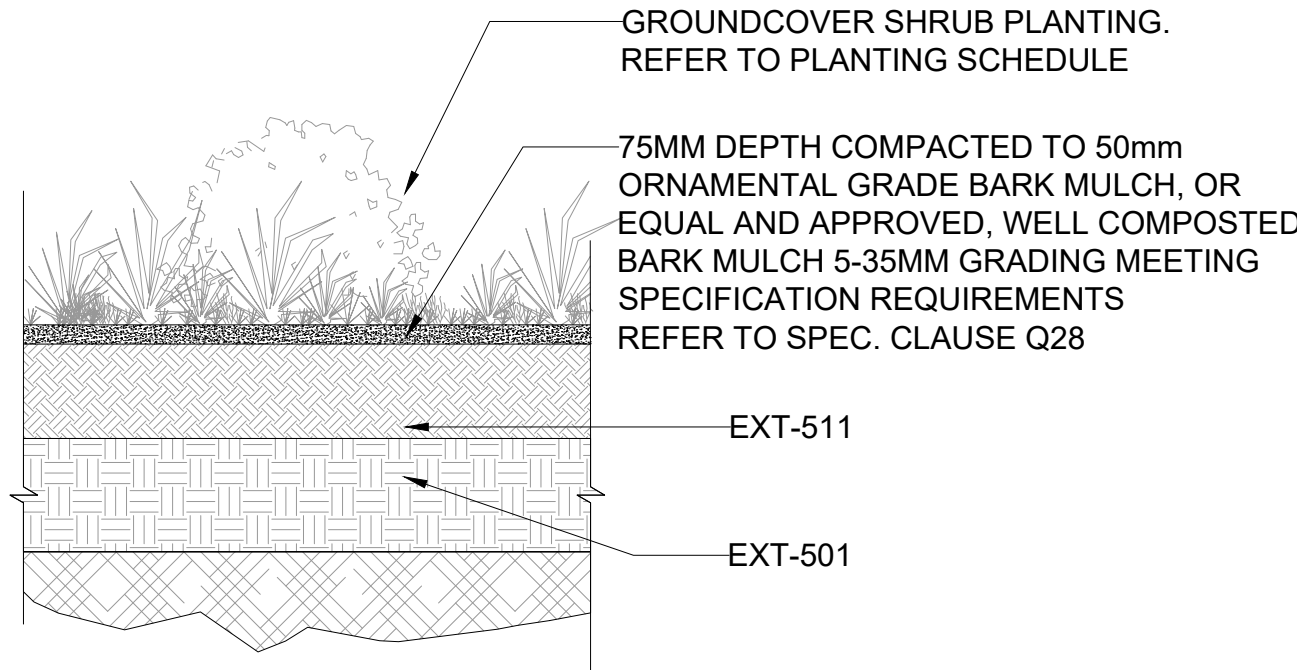
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A GENERAL ARRANGEMENT
141.8 Scale: 1:250

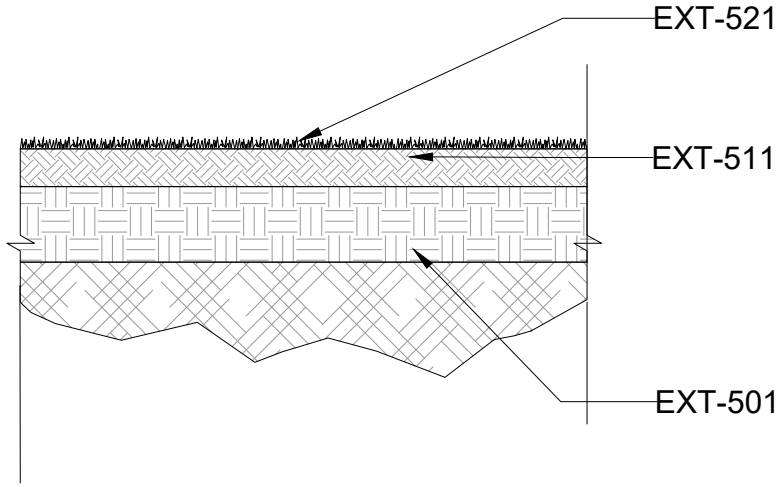
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01 | TYPICAL SOIL PROFILE: MEADOW MIX
1:20 @ A1



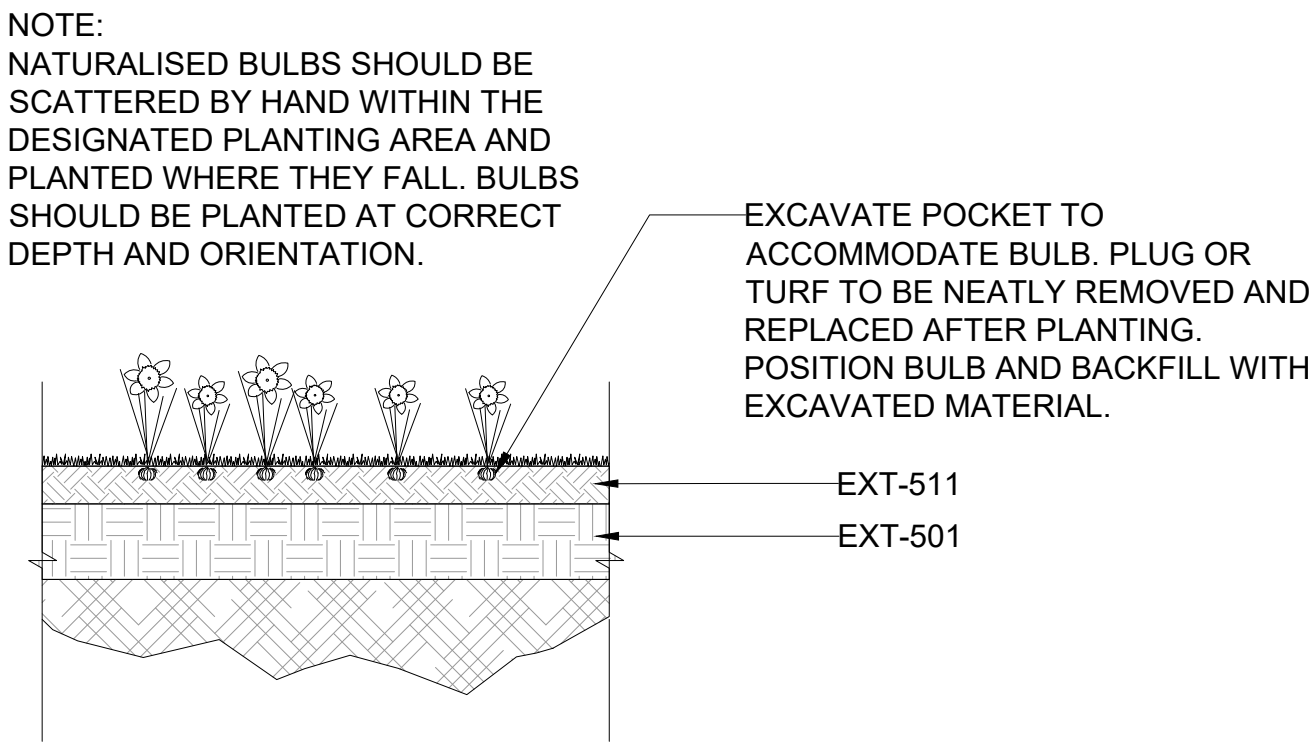
02 | SOIL PROFILE: GROUNDCOVER/SHRUB PLANTING
1:20 @ A1



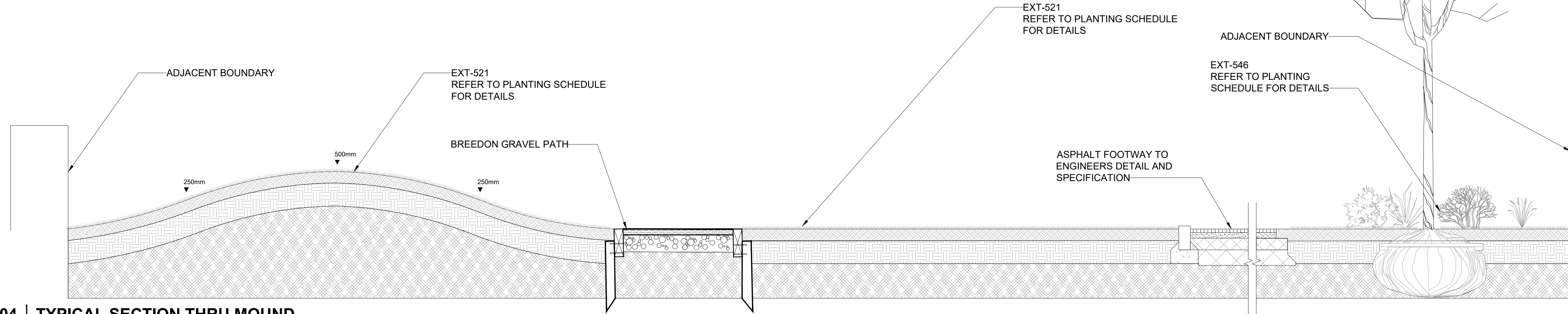
GRASS NOTES

REGRADE EXISTING SOIL, CULTIVATE TO A DEPTH OF 100mm AND SPREAD 100mm DEEP TOPSOIL TO BS 3882 AS NECESSARY. GRADE AND PREPARE FOR SEEDING (50mm FINE TILTH) AS SPECIFICATION. GRASS MIXTURE AS PLANTING SCHEDULE.

03 | TYPICAL LAWN GRASS
1:20 @ A1



04 | TYPICAL SOIL PROFILE: BULBS
1:20 @ A1



04 | TYPICAL SECTION THRU MOUND
1:20 @ A1

WILDFLOWERS SEEDS, PLUGS & BULBS NOTES

GUIDELINES: GUIDE TO THE CREATION OF WILDFLOWER MEADOWS BY THE ULSTER WILDLIFE TRUST

PROVENANCE: WILDFLOWERS STOCK FROM NATIVE PROVENANCE (NORTHERN IRELAND / IRELAND).

SUPPLIERS:

- ECOSEEDS LTD, Inverbreena Hall, Stella Maris Street, Strangford, Co. Down, BT30 7NJ, Tel : 028 44881227.
- DESIGN BY NATURE, Seed House, Monavea, Carlow, R93 T289, Ireland
- CONSERVATION VOLUNTEERS NI WILDFLOWER NURSERY, Beech House, 159 Ravenhill Road, Belfast, BT6 0BP, Tel: 028 90645169.

WILDFLOWERS:

- MIXES AS PER PLANTING SCHEDULE.

PLUG PLANTS:

- TRAY OF 30 PLANTS, SINGLE SPECIES PER TRAY, SPRING DELIVERY.

BULBS:

NATIVE WOODLAND BULBS, AUTUMN DELIVERY.

SOIL PREPARATION:

REMOVE WEEDS BY:

- USING GLYPHOSATE TYPE HERBICIDE. CONTACT THE ENVIRONMENTAL PROTECTION SECTION OF THE ENVIRONMENT AND HERITAGE SERVICE (TEL. 02890251477) WHEN SPRAYING NEAR A WATERCOURSE. ROTAVATE THE SOIL TO ABOUT 20cm UNTIL ACHIEVING A FINE TILTH. WAIT 6 WEEKS UNTIL THE WEEDS GERMINATE AND SPRAY AGAIN.

- OR STRIP OFF 50mm DEEP OF TOPSOIL AND ADD 100mm DEEP OF SUBSOIL.

FOR PLUGS ONLY: PLANTING WILDFLOWER PLUGS INTO THE EXISTING SWARD AND CONTROLLING GRASS GROWTH WITH THE PARASITIC PLANT, YELLOW RATTLE. TO ESTABLISH YELLOW RATTLE THEIR SEEDS SHOULD BE SCATTERED AND RAKED IN THE AUTUMN AFTER THE MEADOW HAS BEEN MOWN. POT GROWN WILDFLOWERS HAVE TO BE INTRODUCED INTO THE MEADOW, BEFORE YELLOW RATTLE SEED. THIS IS BECAUSE THE YELLOW RATTLE WILL BE LOST FROM THE MEADOW DUE TO THE INTENSIVE MOWING REQUIRED FOR THE FIRST YEAR TO GET THE POT GROWN WILDFLOWERS ESTABLISHED. YELLOW RATTLE IS AN ANNUAL SPECIES WITH SHORT-LIVED SEED AND THEREFORE IT NEEDS A CHANCE TO SET SEED EACH YEAR. CUTTING OR GRAZING BETWEEN APRIL AND MID-JULY MUST BE AVOIDED BECAUSE THESE ACTIONS WILL PREVENT SEEDING.

OPTION 1 - SOWING:

- IT IS BEST TO CARRIED OUT IN AUTUMN, BUT IT IS POSSIBLE TO SOW IN SPRING.
- SOWING RATE 4-5 g/m². USE SAND AT A RATIO OF 3:1 TO ENSURE THAT IT IS SOWN EVENLY.
- THE SEED SHOULD BE LIGHTLY RAKED OR CHAIN HARROWED INTO THE SOIL AND THEN ROLLED IN TO MAXIMIZE CONTACT WITH THE SOIL.

OPTION 2 - POT-GROWN / PLUGS WILDFLOWERS:

- THEY SHOULD BE PLANTED IN AUTUMN AFTER THE MEADOW HAS BEEN CUT AND A SMALL SQUARE OF TURF SHOULD BE REMOVED BEFORE PLANTING. THIS ALLOWS THEIR ROOTS TO GET ESTABLISHED BEFORE SPRING GROWTH OF GRASSES.

MAINTENANCE:

- CUTS: 1 No. CUT IN LATE AUGUST/SEPTEMBER EVERY YEAR AFTER THE WILDFLOWERS HAVE SET SEED, REMOVE THE HAY AND LIGHTLY SCARIFY THE MEADOW WITH A CHAIN BORROW TO CREATE GAPS IN THE VEGETATION INTO WHICH WILDFLOWER SEEDS COULD BECOME ESTABLISHED. IF THE SITE IS QUITE FERTILE AND DOMINATED BY GRASSES IT WILL NEED A SECOND CUT IN LATE MARCH/EARLY APRIL.
- IT IS IMPORTANT TO RAKE THE MEADOW THOROUGHLY AFTER MOWING TO REMOVE THE DENSE THATCH OF DEAD PLANT MATERIAL WHICH ACCUMULATES AROUND THE BASE OF GRASSES. IF THIS IS NOT REMOVED, IT WILL PREVENT THE SEEDS MAKING CONTACT WITH THE SOIL. RAKE AGAIN THE SOIL BETWEEN AUTUMN AND EARLY SPRING TO ENCOURAGE THE SELF SET PERENNIAL SEED TO GERMINATE.
- POT-GROWN WILDFLOWERS: THE VEGETATION IN THE MEADOW SHOULD THEN BE KEPT SHORT BY REGULAR MOWING DURING THE FIRST YEAR OF PLANTING. THIS WILL HELP REDUCE COMPETITION FROM GRASSES. HOWEVER, IT WILL ALSO MEAN THAT THE WILDFLOWERS WILL BE PREVENTED FROM FLOWERING IN THE FIRST YEAR. THEREAFTER IT CAN BE MANAGED AS A TRADITIONAL MEADOW WITH 1-2 CUTS/YEAR AND THE WILDFLOWERS WILL BE ABLE TO FREELY FLOWER.

AECOM

PROJECT

Millar's Lane Pedestrian and Cycle Route

CLIENT



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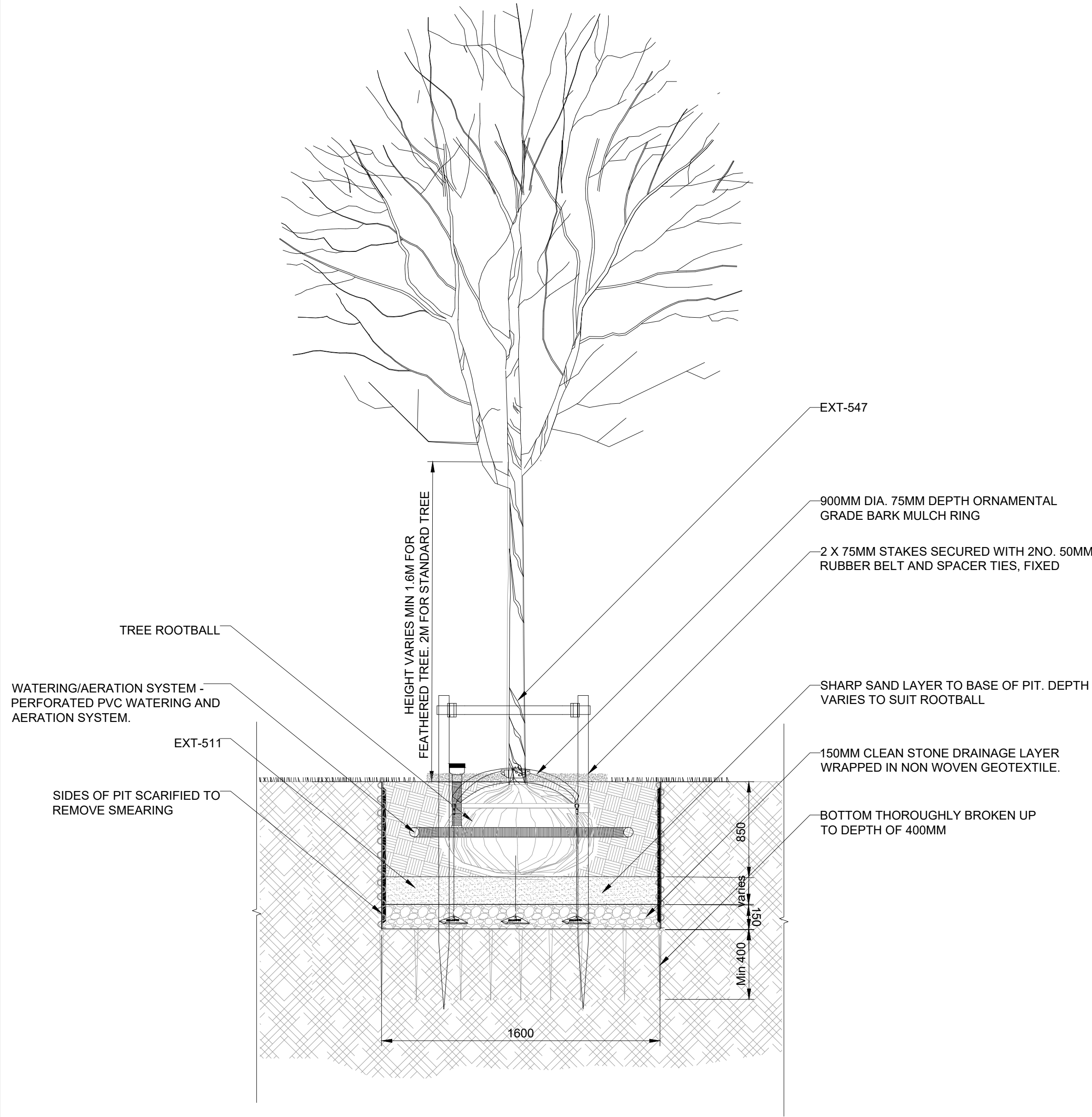
SHEET TITLE

DETAILS
SHEET 2 OF 2

SHEET NUMBER

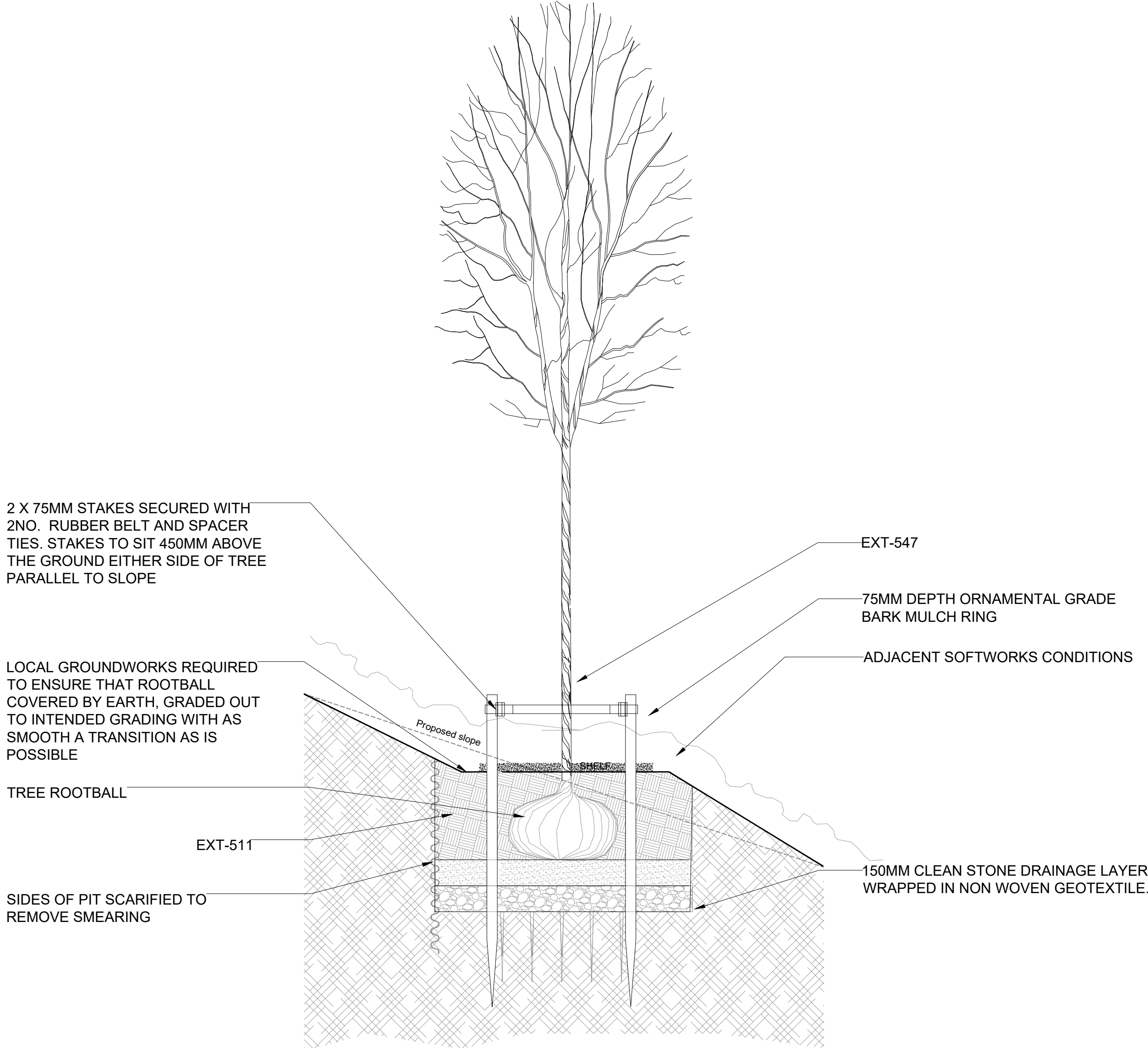
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01 | TREE PIT IN SOFT LANDSCAPE

1:20 @ A1



02 | SEMI MATURE TREE ON SLOPE DETAIL

1:20 @ A1

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