

- CDM** A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.
1. Soft landscaping implementation within a construction environment (across the site);
 2. Installing trees (across the site);
 3. Water bodies (retention ponds and swales);
 4. Working within close proximity of underground services;
 5. Planting on slopes; and
 6. Working within close proximity of highways.
- For further guidance, refer to HSE Construction (Design and Management) Regulations 2015.

This drawing is to be used in conjunction with all other drawings and specifications within the package. Any deviations to this drawing, or any other drawings, shall be the responsibility of the client. EDP shall not be responsible for any errors or omissions in this drawing or any other drawings. The drawing shall be used in accordance with the contract documents.

purpose of issue		FOR DISCUSSION	
1	Scale removed and planting areas	06-12-2023	NMs
2	Further changes to planting reflecting engineering and services locations.	04-12-2023	JON
-	Original	12-10-2021	LCH
rev	description	date	by

client
TriTAX Symmetry Ltd and Siemens Healthineers
project title
Symmetry Park, Oxford North

drawing title
Detailed Landscape Proposals
date
06 DECEMBER 2023
drawing number
edp2425_0017x
scale
1:1500 @ A0

Sheet 1 of 17
drawn by
JMA
checked
BC
QA
RB



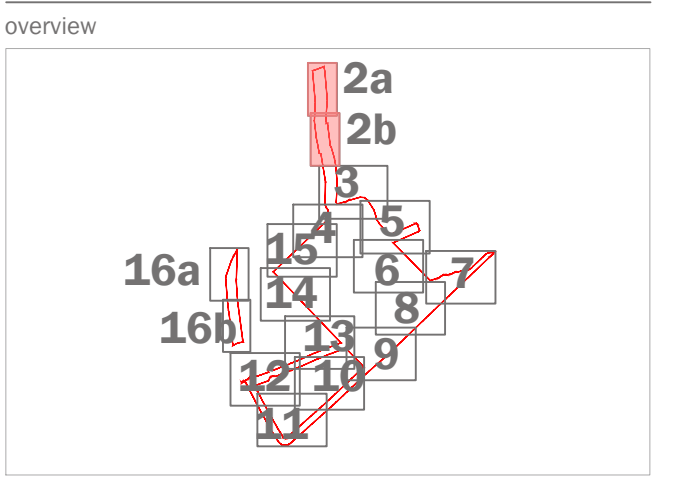
- Feathered Native Tree Mix**
 No.77 Acer campestre 10% 175-200cm
 No.154 Alnus glutinosa 20% 175-200cm
 No.239 Crataegus monogyna 30% 125-150cm
 No.154 Ilex aquifolium 20% 150-175cm
 No.77 Prunus avium 10% 150-175cm
 No.77 Sorbus aucuparia 10% 125-150cm
- Native Shrub Mix**
 No.541 Cornus sanguinea 10% 60-80cm
 No.812 Corylus avellana 15% 40-60cm
 No.1082 Crataegus monogyna 20% 60-80cm
 No.379 Eucrymrus europaeus 7% 60-80cm
 No.271 Ilex aquifolium 5% 40-60cm
 No.541 Ligustrum vulgare 20% 60-80cm
 No.271 Prunus lusitana 2% 60-80cm
 No.379 Prunus spinosa 7% 60-80cm
 No.163 Rosa canina 3% 60-80cm
 No.109 Sambucus nigra 2% 60-80cm
 No.433 Taxus Baccata 8% 40-60cm
 No.433 Viburnum opulus 8% 60-80cm

- Site boundary
- Existing Trees and Tree Groups to be Retained
Refer to the Arboricultural Report
- Existing Hedgerows to be Retained
Refer to the Arboricultural Report
- Proposed Tree Planting
Refer to the Arboricultural Report
- Proposed Hedgerow Planting
- Proposed Turf
Product: Mediation Turf or similar
Supplier: Robben
- Proposed Flowering Lawn Mixture
Product: E13 Flowering Lawn Mixture
Supplier: Emerygry Seeds
Sowing rate: 4g/m²
- Proposed Species-Rich Meadow Grass
Product: E34 Basic General Purpose Meadow Mixture
Supplier: Emerygry Seeds
Sowing rate: 4g/m²
- Proposed Tussock Grass Mixture
Product: E620 Tussock Grass Mixture
Supplier: Emerygry Seeds
Sowing rate: 5g/m²
- Proposed Hedgerow Grass Mixture
Product: E13 Hedgerow Mixture
Supplier: Emerygry Seeds
Sowing rate: 5g/m²
- Proposed Ornamental Planting
- Proposed Bulb Planting
- Proposed Native Swathe Planting
- Proposed Native Feathered Tree and Shrub Mix
- Proposed Wetland Meadow Grass to Attenuation Basin
Product: E58 Meadow Grass Mixture for Wet Soils
Supplier: Emerygry Seeds
Sowing rate: 4g/m²
- Proposed Diverted Watercourse
Refer to Engineers drawings for details
- Extent of Structural Soil/ Underground Crate System
to ensure required rooting volumes for tree planting
- Proposed Gravel for Maintenance Access
- Proposed Footpath
Graded gravel footpath with timber edging. No dig construction
- Proposed Boundary Fenceline
Refer to Architects drawings for details
- Proposed Trim Trail
Indicative locations of trim trail/ outdoor fitness equipment along proposed trim trail route
- Proposed Earth Mounding
with max 2:1 side-slopes
- Proposed Root Barriers
Product: Reflex Barrier
Supplier: GreenBlue Urban or similar approved
Note: Depth and location to be Confirmed by Engineers
- Ecological Buffer Zone
5m buffer from Wendlebury Brook

A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.

- Soft landscaping implementation within a construction environment (across the site);
- Installing trees (across the site);
- Water bodies (attenuation ponds and swales);
- Working within close proximity of underground services;
- Planting on slopes; and
- Working within close proximity of highways.

For further guidance, refer to HSE Construction Design and Management Regulations 2015.



This drawing is to be used in conjunction with all other drawings and specifications within the package. Please therefore refer to the project brief for full details of design, construction and installation requirements. All dimensions are in millimetres unless otherwise specified. An A3 scale of this drawing, unless otherwise stated, is to be used. All dimensions are to be taken from the centre of the drawing unless otherwise stated. The drawing shall be used in accordance with the terms and conditions of the contract. The drawing shall be used in accordance with the terms and conditions of the contract.

purpose of issue FOR DISCUSSION			
rev	description	date	by
1	Swales removed and planting areas updated	06-12-2023	NMs
2	Further changes to planting reflecting engineering and services locations.	04-12-2023	JON
-	Original	12-10-2021	LCH

client
TriTax Symmetry Ltd and Siemens Healthineers
 project title
Symmetry Park, Oxford North

drawing title
Detailed Landscape Proposals
 date
 06 DECEMBER 2023
 drawing number
 edp2425_0017x
 scale
 1:200 @ A0

Sheet 2 of 17
 drawn by
 JMA
 checked
 BC
 QA
 RB



Feathered Native Tree Mix
 No.11 Acer campestre 10% 175-200cm
 No.21 Alnus glutinosa 20% 175-200cm
 No.31 Crataegus monogyna 30% 125-150cm
 No.21 Ilex aquifolium 20% 150-175cm
 No.11 Prunus avium 10% 150-175cm
 No.11 Sorbus aucuparia 10% 125-150cm

Native Shrub Mix
 No.72 Cornus sanguinea 10% 60-80cm
 No.107 Corylus avellana 15% 40-60cm
 No.143 Crataegus monogyna 20% 60-80cm
 No.50 Euonymus europaeus 7% 60-80cm
 No.36 Ilex aquifolium 5% 40-60cm
 No.72 Ligustrum vulgare 10% 60-80cm
 No.36 Prunus lusitana 5% 60-80cm
 No.50 Prunus spinosa 7% 60-80cm
 No.22 Rosa canina 3% 60-80cm
 No.15 Sambucus nigra 2% 60-80cm
 No.57 Taxus baccata 8% 40-60cm
 No.57 Viburnum opulus 8% 60-80cm

Feathered Native Tree Mix
 No.44 Acer campestre 10% 175-200cm
 No.88 Alnus glutinosa 20% 175-200cm
 No.132 Crataegus monogyna 30% 125-150cm
 No.88 Ilex aquifolium 20% 150-175cm
 No.44 Prunus avium 10% 150-175cm
 No.44 Sorbus aucuparia 10% 125-150cm

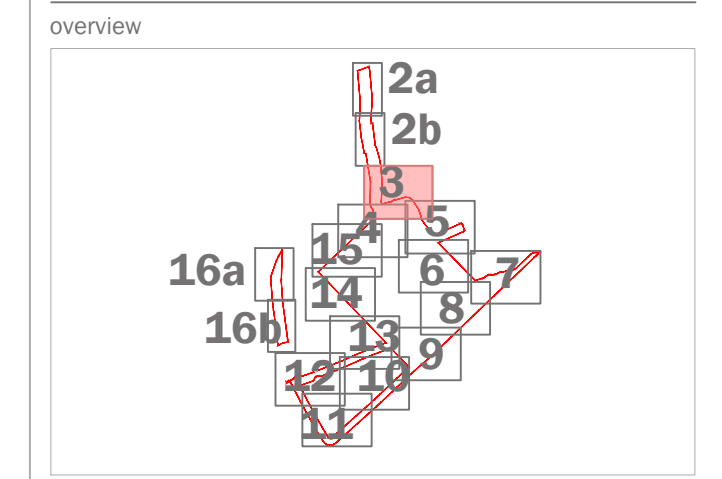
Native Shrub Mix
 No.313 Cornus sanguinea 10% 60-80cm
 No.469 Corylus avellana 15% 40-60cm
 No.625 Crataegus monogyna 20% 60-80cm
 No.219 Euonymus europaeus 7% 60-80cm
 No.157 Ilex aquifolium 5% 40-60cm
 No.313 Ligustrum vulgare 10% 60-80cm
 No.157 Prunus lusitana 5% 60-80cm
 No.219 Prunus spinosa 7% 60-80cm
 No.94 Rosa canina 3% 60-80cm
 No.63 Sambucus nigra 2% 60-80cm
 No.60 Taxus baccata 8% 40-60cm
 No.260 Viburnum opulus 8% 60-80cm

- Site boundary
- Existing Trees and Tree Groups to be Retained
Refer to the Arboricultural Report
- Existing Hedgerows to be Retained
Refer to the Arboricultural Report
- Proposed Tree Planting
- Proposed Hedgerow Planting
- Proposed Turf
Product: Medallion Turf or similar
Supplier: Robson
- Proposed Flowering Lawn Mixture
Product: EL Flowering Lawn Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Species-Rich Meadow Grass
Product: EM3 Basic General Purpose Meadow Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Tussock Grass Mixture
Product: E620 Tussock Grass Mixture
Supplier: Emerygate Seeds
Sowing rate: 5g/m²
- Proposed Hedgerow Grass Mixture
Product: E13 Hedgerow Mixture
Supplier: Emerygate Seeds
Sowing rate: 5g/m²
- Proposed Ornamental Planting
- Proposed Bulb Planting
- Proposed Native Sward Planting
- Proposed Native Feathered Tree and Shrub Mix
- Proposed Wetland Meadow Grass to Attenuation Basin
Product: E66 Meadow Grass Mixture for Wet Soils
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Diverted Watercourse
Refer to Engineers drawings for details
- Extent of Structural Soil/ Underground Crate System
To ensure required rooting volumes for tree planting
- Proposed Gravel for Maintenance Access
- Proposed Footpath
Bordered gravel footpath with timber edging. No-tie construction
- Proposed Boundary Fenceline
Refer to Architects drawings for details
- Proposed Trim Trail
Indicative locations of trim trail/ outdoor fitness equipment along proposed trim trail route
- Proposed Earth Mounding
With max 2:1 side slopes
- Proposed Root Barriers
Product: Reflex Barrier
Supplier: GreenBlue Urban or similar approved
Note: Depth and location to be confirmed by Engineers
- Ecological Buffer Zone
5m buffer from Wendlebury Brook
- Proposed Permanently Wet Area in Attenuation Pond

A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.

1. Soft landscaping implementation within a construction environment (across the site);
2. Installing trees (across the site);
3. Water bodies (attenuation ponds and swales);
4. Working within close proximity of underground services;
5. Planting on slopes; and
6. Working within close proximity of highways.

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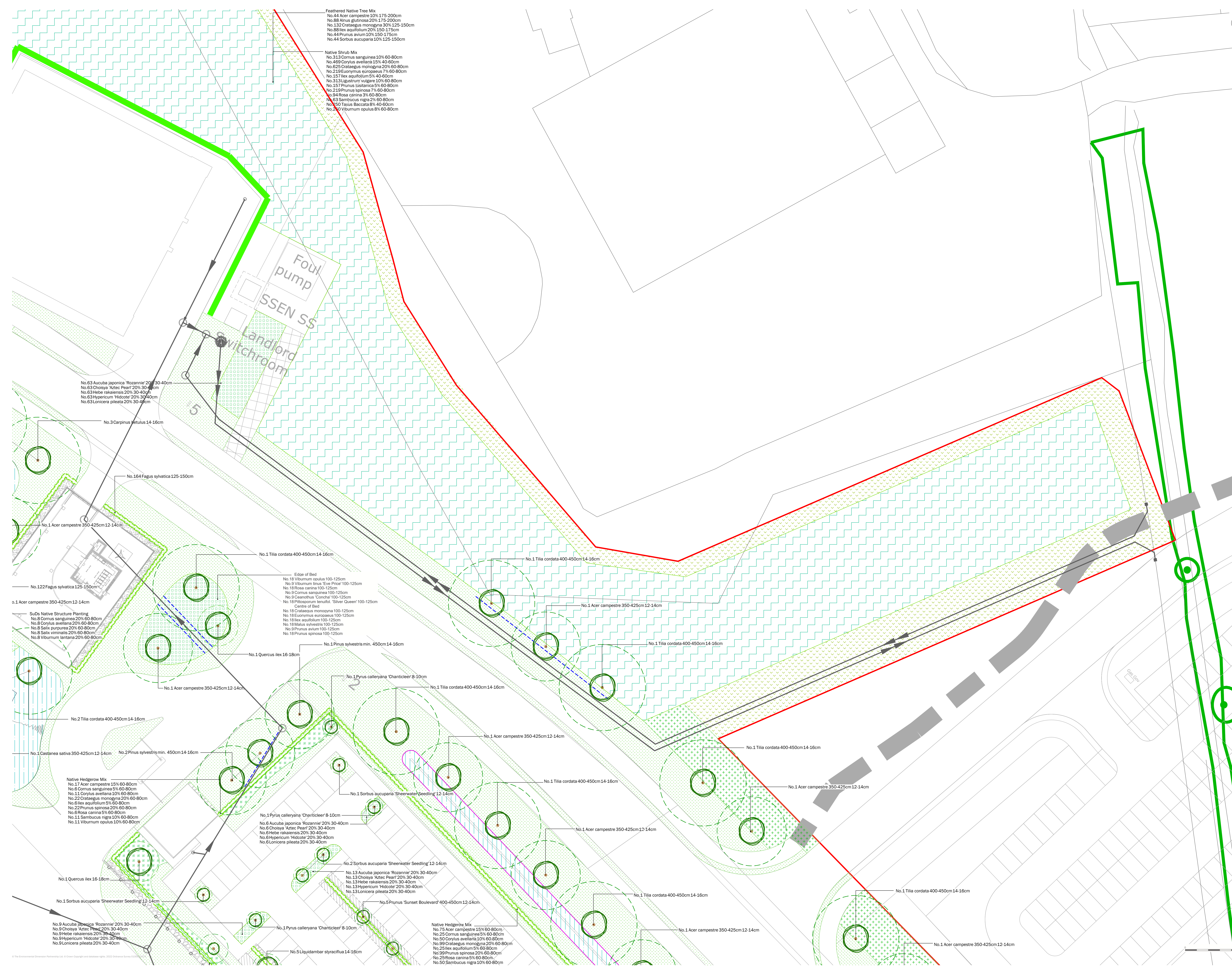
purpose of issue **FOR DISCUSSION**

rev	description	date	by
1	Swales removed and planting areas updated	06-12-2023	NMs
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client
Trifax Symmetry Ltd and Siemens Healthineers
 project title
Symmetry Park, Oxford North
 drawing title
Detailed Landscape Proposals
 date
 06 DECEMBER 2023
 drawing number
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 scale
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 drawn by
 JMA
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 QA
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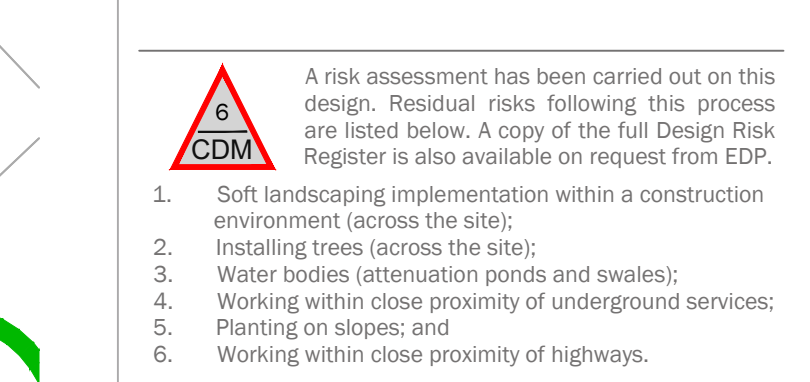
Sheet 3 of 17

the environmental dimension partnership
 Registered office: 01285 740427 www.edp-uk.co.uk info@edp-uk.co.uk



- Site boundary
- Existing Trees and Tree Groups to be Retained
Refer to the Arboricultural Report
- Existing Hedgerows to be Retained
Refer to the Arboricultural Report
- Proposed Tree Planting
- Proposed Hedgerow Planting
- Proposed Turf
Product: Mediation Turf or similar
Supplier: Robson
- Proposed Flowering Lawn Mixture
Product: E1 Flowering Lawn Mixture
Supplier: Emongate Seeds
Sowing rate: 4g/m²
- Proposed Species-Rich Meadow Grass
Product: E13 Basic General Purpose Meadow Mixture
Supplier: Emongate Seeds
Sowing rate: 4g/m²
- Proposed Tussock Grass Mixture
Product: E10 Tussock Grass Mixture
Supplier: Emongate Seeds
Sowing rate: 5g/m²
- Proposed Hedgerow Grass Mixture
Product: E11 Hedgerow Mixture
Supplier: Emongate Seeds
Sowing rate: 5g/m²
- Proposed Ornamental Planting
- Proposed Bulb Planting
- Proposed Native Swathe Planting
- Proposed Native Feathered Tree and Shrub Mix
- Proposed Wetland Meadow Grass to Attenuation Basin
Product: E16 Meadow Grass Mixture for Wet Soils
Supplier: Emongate Seeds
Sowing rate: 4g/m²
- Proposed Diverted Watercourse
Refer to Engineers drawings for details
- Extent of Structural Soil/ Underground Crate System
to ensure required rooting volumes for tree planting
- Proposed Gravel for Maintenance Access
- Proposed Footpath
Gravel/grass footpath with timber edging. No-tie construction
- Proposed Boundary Fenceline
Refer to Architects drawings for details
- * Proposed Trim Trail
Indicative locations of trim trail/ outdoor fitness equipment along proposed trim trail route
- Proposed Earth Mounding
with max 1:3 slope
- Proposed Root Barriers
Supplier: GreenBlue Urban or similar approved
Note: Depth and location to be confirmed by Engineers
- Ecological Buffer Zone
5m buffer from Wentley Brook

- A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.
 - 1. Soft landscaping implementation within a construction environment (across the site);
 - 2. Installing trees (across the site);
 - 3. Water bodies (attenuation ponds and swales);
 - 4. Working within close proximity of underground services;
 - 5. Planting on slopes; and
 - 6. Working within close proximity of highways.
- For further guidance, refer to HSE Construction Design and Management Regulations 2015.



The drawing is to be used in conjunction with all other drawings and specifications within the package. Please refer to the contract documents for full details of the design and construction requirements.

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rev	description	date	by
1	Swales removed and planting area updated	06-12-2023	NMs
2	Further changes to planting reflecting engineering and species locations.	04-12-2023	JON
3	Original	12-10-2021	LCH

purpose of issue **FOR DISCUSSION**

client
Trifax Symmetry Ltd and Siemens Healthineers

project title
Symmetry Park, Oxford North

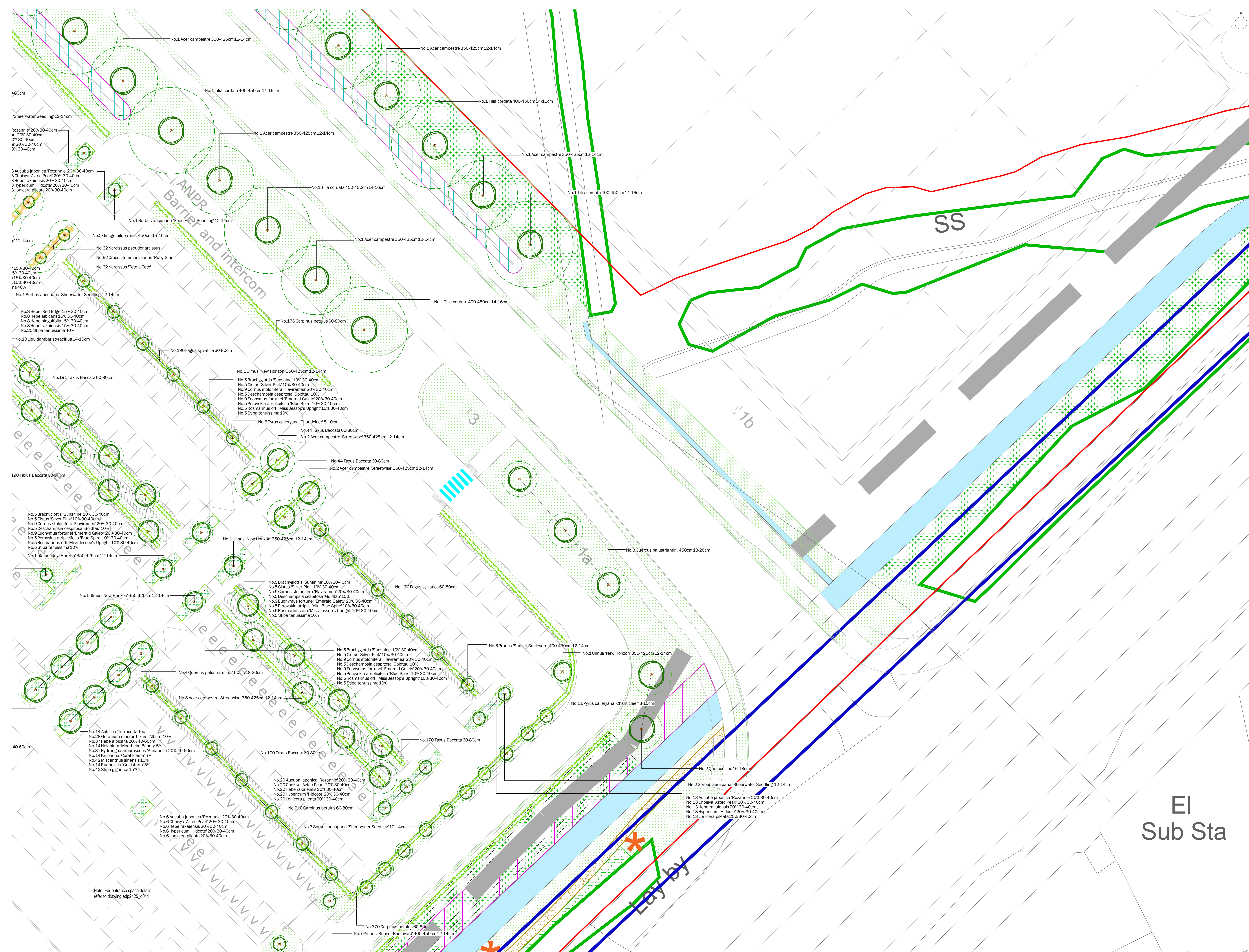
drawing title
Detailed Landscape Proposals

date 06 DECEMBER 2023 drawn by JBA
drawing number edp2425_0017x checked BC
scale 1:200 @ A0 QA RB

Sheet 5 of 17

edp the environmental dimension partnership

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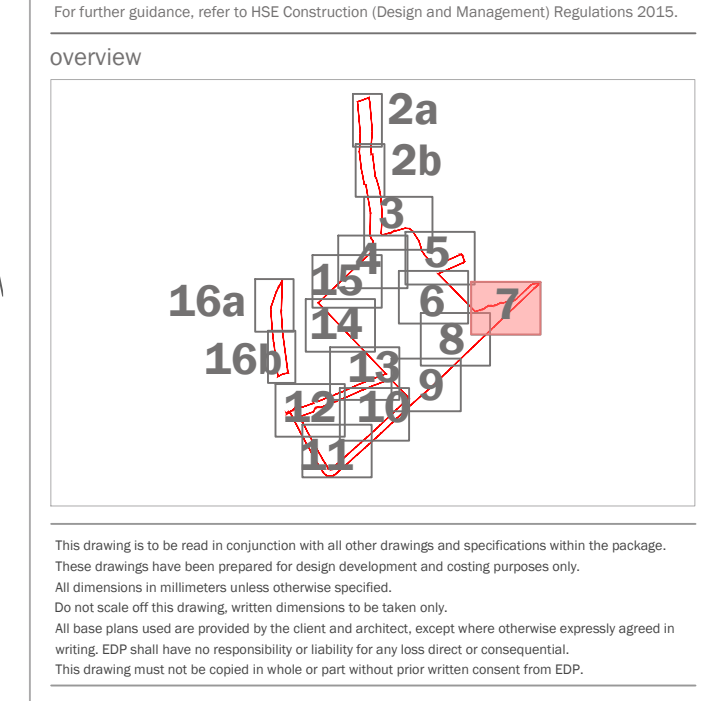


- Site boundary
- Existing Trees and Tree Groups to be Retained
Refer to the Arboricultural Report
- Existing Hedgerows to be Retained
Refer to the Arboricultural Report
- Proposed Tree Planting
Measure: General Hedgerow
- Proposed Hedgerow Planting
- Proposed Turf
Product: Mediation Turf or similar
Supplier: Robson
- Proposed Flowering Lawn Mixture
Product: ELS Flowering Lawn Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Species-Rich Meadow Grass
Product: ELS Basic General Purpose Meadow Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Tussock Grass Mixture
Product: ELS0 Tussock Grass Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Hedgerow Grass Mixture
Product: ELS Hedgerow Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Ornamental Planting
- Proposed Bulb Planting
- Proposed Native Swathe Planting
- Proposed Native Feathered Tree and Shrub Mix
- Proposed Wetland Meadow Grass to Attenuation Basin
Product: ELS Meadow Grass Mixture for Wet Soils
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Diverted Watercourse
Refer to Engineers drawings for details
- Extent of Structural Soil/ Underground Crate System
to ensure required rooting volumes for tree planting
- Proposed Gravel for Maintenance Access
- Proposed Footpath
Specify gravel topsoil with timber edging, no tarmac construction
- Proposed Boundary Fencing
Refer to Architects drawings for details
- Proposed Trim Trail
Indicate locations of trim trail/ outdoor fitness equipment along proposed trim trail route
- Proposed Earth Mounding
Refer to ELS notes
- Proposed Root Barriers
Supplier: GreenBlue Urban or similar approved
Note: Depth and location to be confirmed by Engineers
- Ecological Buffer Zone
5m buffer from Wentlebury Brook
- Proposed Permanently Wet Area in Attenuation Pond

A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.

- Soft landscaping implementation within a construction environment (across the site);
- Installing trees (across the site);
- Water bodies (attenuation ponds and swales);
- Working within close proximity of underground services;
- Planting on slopes; and
- Working within close proximity of highways.

For further guidance, refer to HSE Construction Design and Management Regulations 2015.



purpose of issue **FOR DISCUSSION**

rev	description	date	by
1	Swales removed and planting area updated	06-12-2023	NMS
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3	Original	12-10-2021	LCH

client
Trifax Symmetry Ltd and Siemens Healthineers

project title
Symmetry Park, Oxford North

drawing title
Detailed Landscape Proposals

date
06 DECEMBER 2023

drawing number
edp2425_0017x

scale
1:200 @ A0

checked
BC

drawn by
JMA

drawn by
JMA

checked
RB

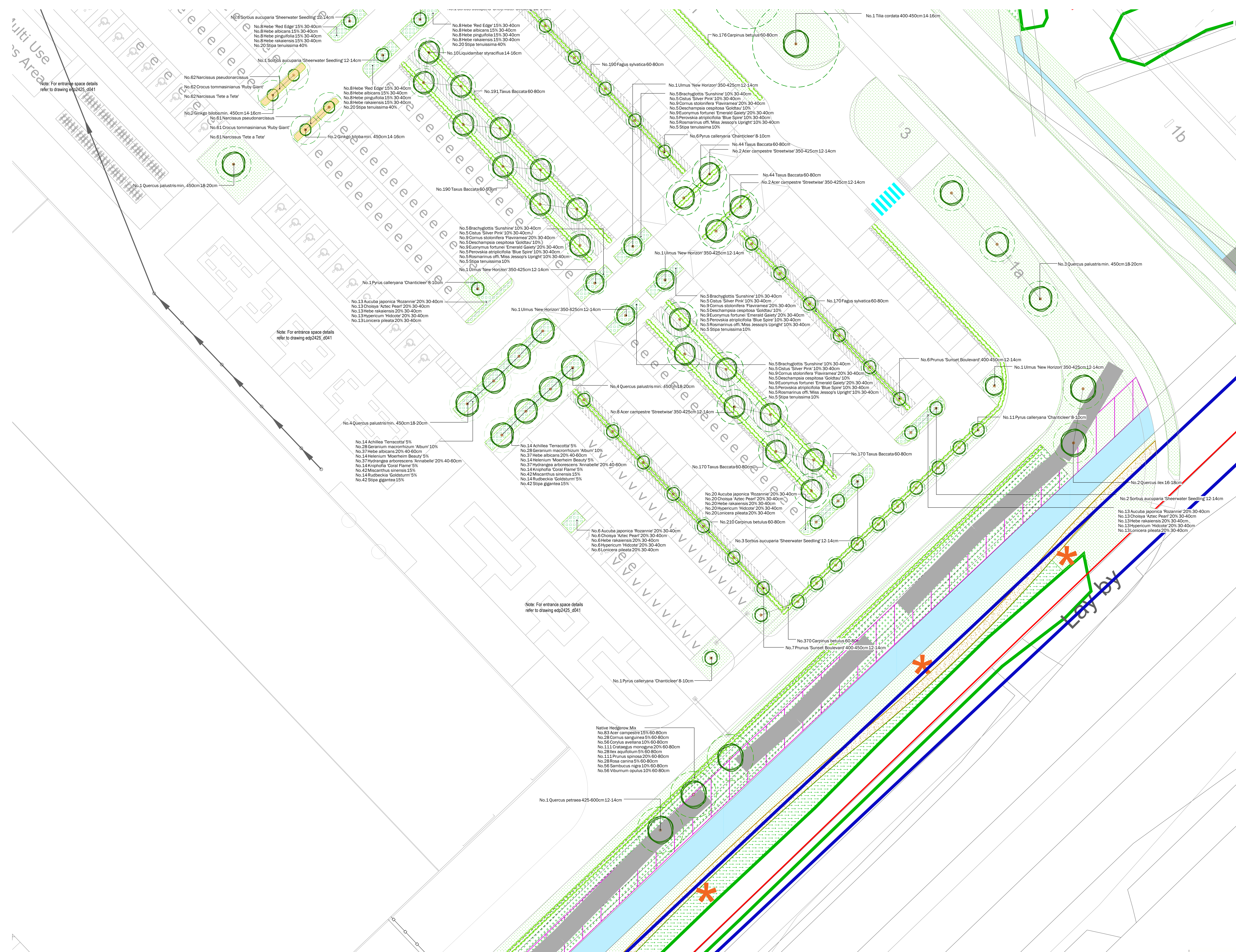
drawn by
RB

Sheet 7 of 17

the environmental dimension partnership

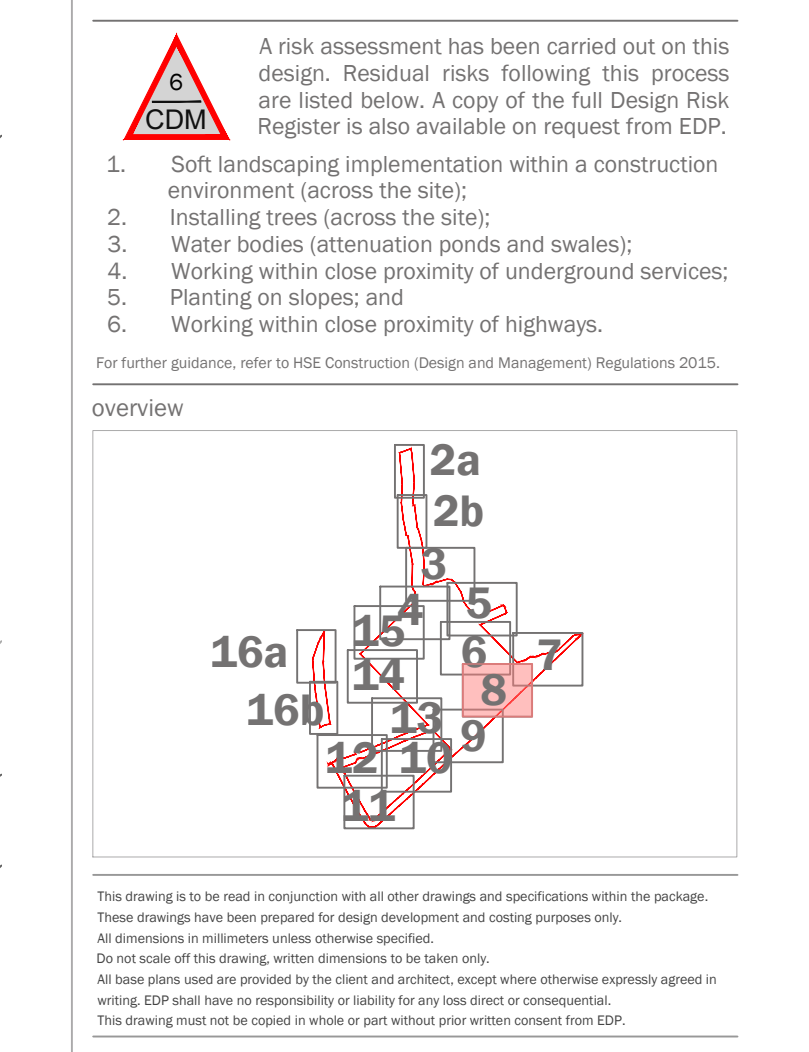
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Note: For entrance space details refer to drawing edp2425_d041



- Site boundary
- Existing Trees and Tree Groups to be Retained
Refer to the Arboricultural Report
- Existing Hedgerows to be Retained
Refer to the Arboricultural Report
- Proposed Tree Planting
- Proposed Hedgerow Planting
- Proposed Turf
Product: Medialion Turf or similar
Supplier: Ribston
- Proposed Flowering Lawn Mixture
Product: E11 Flowering Lawn Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Species-Rich Meadow Grass
Product: E12 Basic General Purpose Meadow Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Tussock Grass Mixture
Product: E10 Tussock Grass Mixture
Supplier: Emerygate Seeds
Sowing rate: 5g/m²
- Proposed Hedgerow Grass Mixture
Product: E13 Hedgerow Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Ornamental Planting
- Proposed Bulb Planting
- Proposed Native Swathe Planting
- Proposed Native Feathered Tree and Shrub Mix
- Proposed Wetland Meadow Grass to Attenuation Basin
Product: E5B Meadow Grass Mixture for Wet Soils
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Diverted Watercourse
Refer to Engineers drawings for details
- Extent of Structural Soil/ Underground Crate System
Refer to Architects drawings for details
- Proposed Gravel for Maintenance Access
- Proposed Footpath
Gravel/grass footpath with timber edging. No-tie construction
- Proposed Boundary Fencing
Refer to Architects drawings for details
- Proposed Trim Trail
Indicative locations of trim trail/ outdoor fitness equipment along proposed trim trail route
- Proposed Earth Mounding
Refer to E13 site notes
- Proposed Root Barriers
Product: GreenBlue Urban or similar approved
Note: Depth and location to be confirmed by Engineers
- Ecological Buffer Zone
5m buffer from Wendlebury Brook

- ▲ A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.
 - 1. Soft landscaping implementation within a construction environment (across the site);
 - 2. Installing trees (across the site);
 - 3. Water bodies (attenuation ponds and swales);
 - 4. Working within close proximity of underground services;
 - 5. Planting on slopes; and
 - 6. Working within close proximity of highways.
- For further guidance, refer to HSE Construction (Design and Management) Regulations 2013.



purpose of issue **FOR DISCUSSION**

Issue	Description	Date	By
1	Swale removed and planting area updated	06-12-2023	NMs
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client
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project title
Symmetry Park, Oxford North

drawing title
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JBA

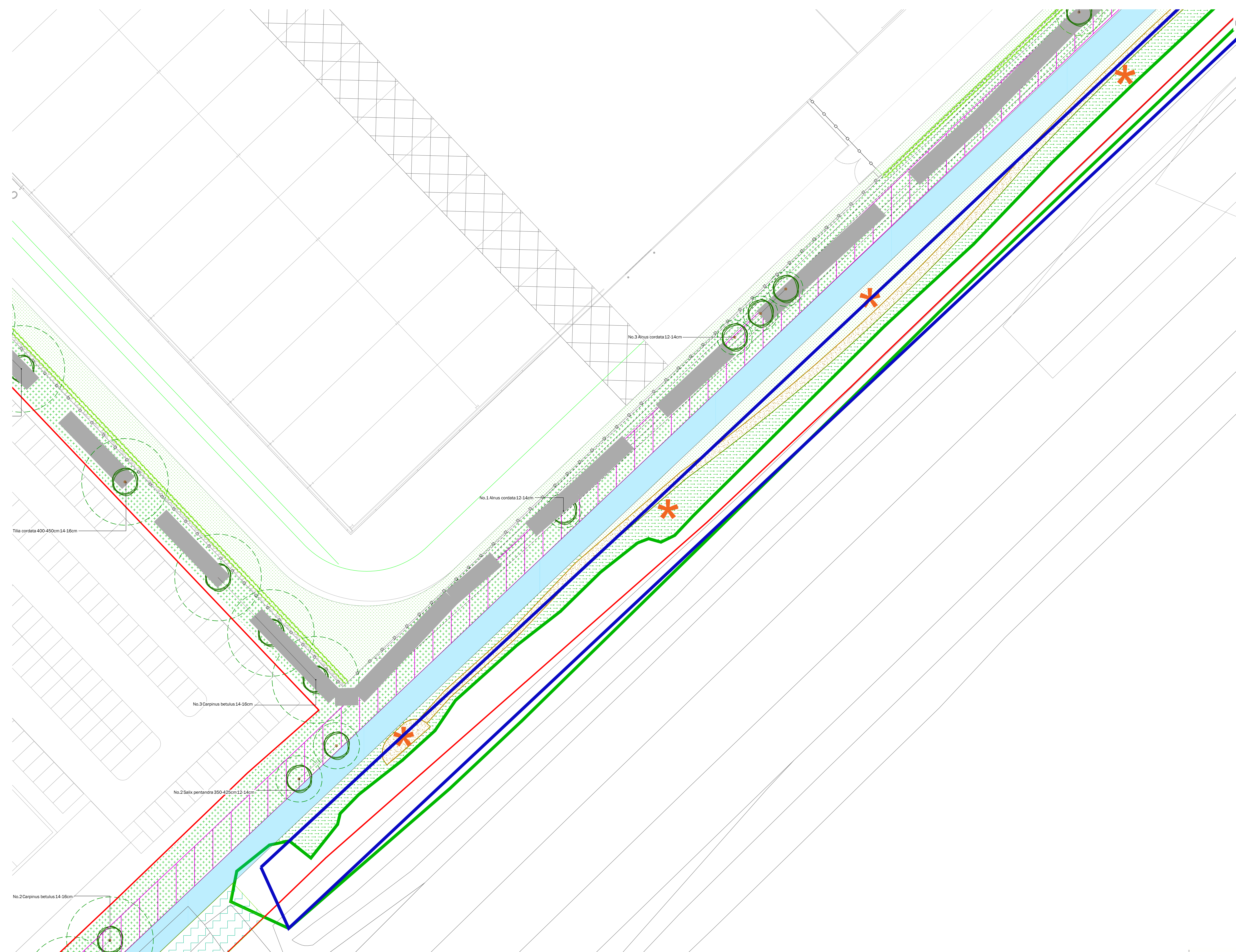
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BC

QA
RB

Sheet 8 of 17

the environmental dimension partnership

Registered office: 01285 740427 www.edp-uk.co.uk info@edp-uk.co.uk

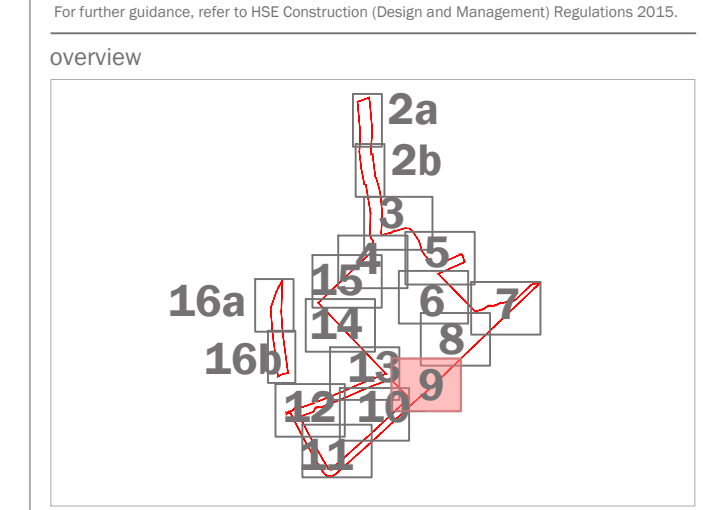


- Site boundary
- Existing Trees and Tree Groups to be Retained
Refer to the Arboricultural Report
- Existing Hedgerows to be Retained
Refer to the Arboricultural Report
- Proposed Tree Planting
Measure: General Hedgerow
- Proposed Hedgerow Planting
- Proposed Turf
Product: Mediation Turf or similar
Supplier: Robben
- Proposed Flowering Lawn Mixture
Product: FL Flowering Lawn Mixture
Supplier: Emongate Seeds
Sowing rate: 4g/m²
- Proposed Species-Rich Meadow Grass
Product: SRM Species-Rich Meadow Grass Mixture
Supplier: Emongate Seeds
Sowing rate: 4g/m²
- Proposed Tussock Grass Mixture
Product: TG Tussock Grass Mixture
Supplier: Emongate Seeds
Sowing rate: 4g/m²
- Proposed Hedgerow Grass Mixture
Product: HG Hedgerow Mixture
Supplier: Emongate Seeds
Sowing rate: 4g/m²
- Proposed Ornamental Planting
- Proposed Bulb Planting
- Proposed Native Swathe Planting
- Proposed Native Feathered Tree and Shrub Mix
- Proposed Wetland Meadow Grass to Attenuation Basin
Product: WM Meadow Grass Mixture for Wet Soils
Supplier: Emongate Seeds
Sowing rate: 4g/m²
- Proposed Diverted Watercourse
Refer to Engineers drawings for details
- Extent of Structural Soil/ Underground Crate System
to ensure required rooting volumes for tree planting
- Proposed Gravel for Maintenance Access
- Proposed Footpath
Gravel gravel footpath with timber edging, no-tie construction
- Proposed Boundary Fenceline
Refer to Architects drawings for details
- Proposed Trim Trail
Indicative locations of trim trail/ outdoor fitness equipment along proposed trim trail route
- Proposed Earth Mounding
with max. 1.5m slope
- Proposed Root Barriers
Product: Reflex Barrier
Supplier: GreenBlue Urban or similar approved
Note: Depth and location to be confirmed by Engineers
- Ecological Buffer Zone
5m buffer from Wendesbury Brook

A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.

1. Soft landscaping implementation within a construction environment (across the site);
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For further guidance, refer to HSE Construction Design and Management Regulations 2015.



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1	Scale removed and planting notes updated	06-12-2023	NMs
1	Further changes to planting reflecting engineering and services locations.	04-12-2023	JON
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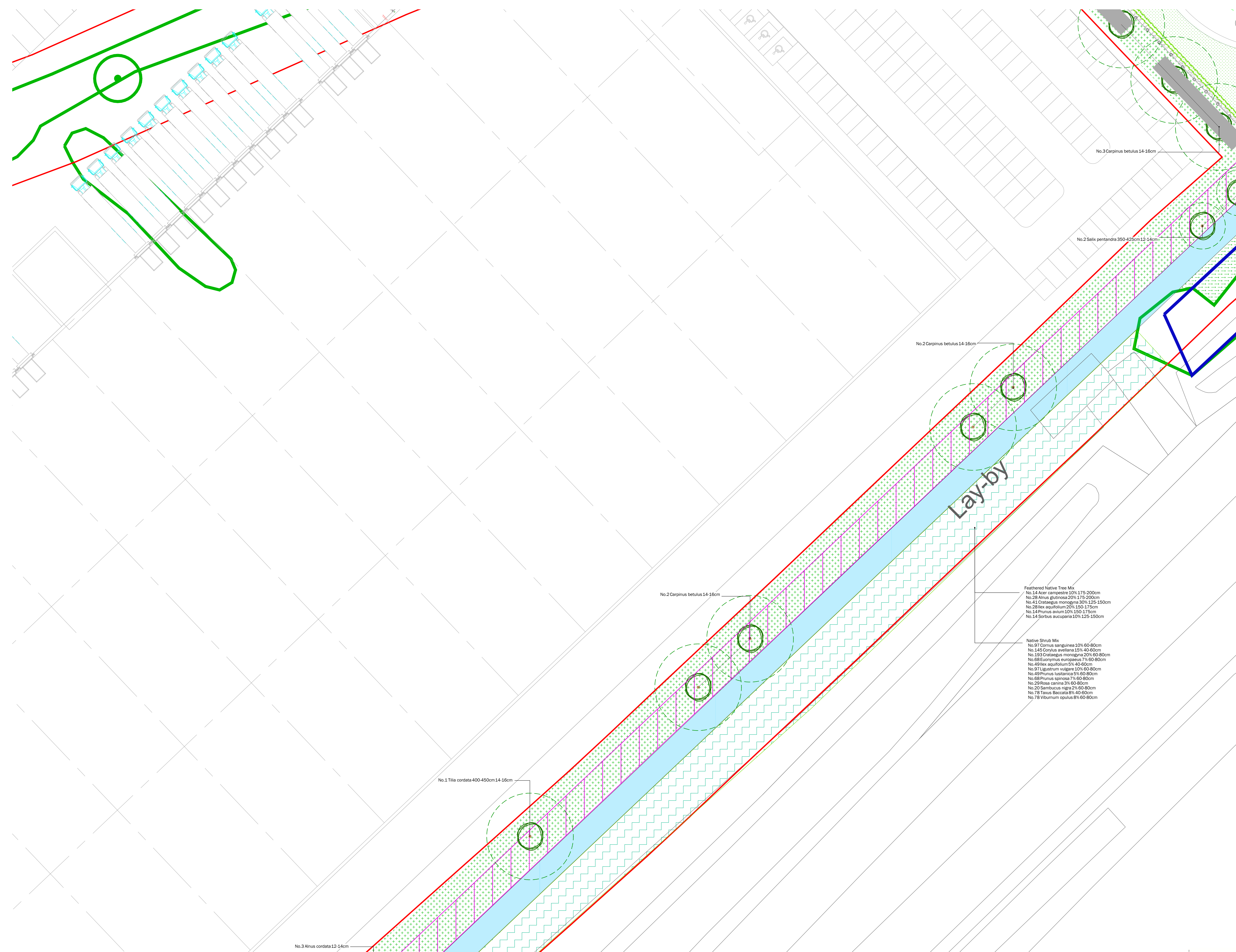
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scale
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drawn by
JMA

checked by
BC

QA
RB

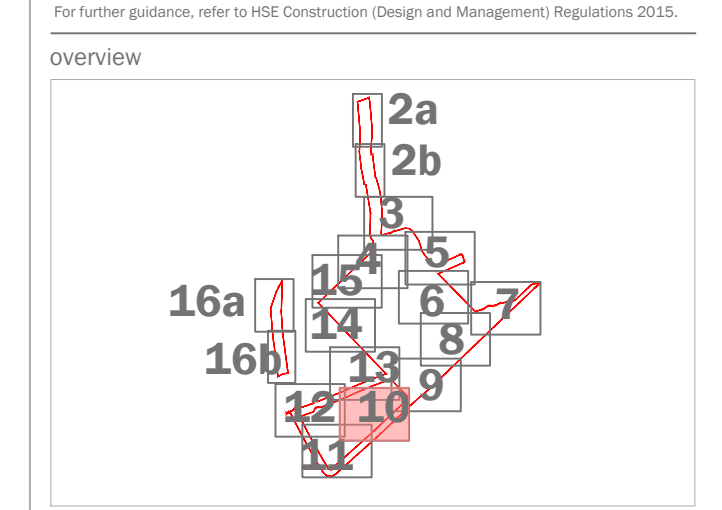


- Site boundary
- Existing Trees and Tree Groups to be Retained
Refer to the Arboricultural Report
- Existing Hedgerows to be Retained
Refer to the Arboricultural Report
- Proposed Tree Planting
Refer to the Arboricultural Report
- Proposed Hedgerow Planting
- Proposed Turf
Product: Mediation Turf or similar
Supplier: Robson
- Proposed Flowering Lawn Mixture
Product: ELS Flowering Lawn Mixture
Supplier: Emongate Seeds
Sowing rate: 4g/m²
- Proposed Species-Rich Meadow Grass
Product: EML Basic General Purpose Meadow Mixture
Supplier: Emongate Seeds
Sowing rate: 4g/m²
- Proposed Tussock Grass Mixture
Product: EGD Tussock Grass Mixture
Supplier: Emongate Seeds
Sowing rate: 5g/m²
- Proposed Hedgerow Grass Mixture
Product: EHL Hedgerow Mixture
Supplier: Emongate Seeds
Sowing rate: 5g/m²
- Proposed Ornamental Planting
- Proposed Bulb Planting
- Proposed Native Sward Planting
- Proposed Native Feathered Tree and Shrub Mix
- Proposed Wetland Meadow Grass to Attenuation Basin
Product: ESW Meadow Grass Mixture for Wet Soils
Supplier: Emongate Seeds
Sowing rate: 4g/m²
- Proposed Diverted Watercourse
Refer to Engineers drawings for details
- Extent of Structural Soil/ Underground Crate System
to ensure required rooting volumes for tree planting
- Proposed Gravel for Maintenance Access
- Proposed Footpath
Gravel gravel footpath with timber edging. No-tie construction
- Proposed Boundary Fenceline
Refer to Architects drawings for details
- * Proposed Trim Trail
indicate locations of trim trail/ outdoor fitness equipment along proposed trim trail route
- Proposed Earth Mounding
with 1:3 side slope
- Proposed Root Barriers
Product: Root Barrier
Supplier: GreenBlue Urban or similar approved
Note: Depth and location to be Confirmed by Engineers
- Ecological Buffer Zone
5m buffer from Wendlebury Brook

CDM A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.

1. Soft landscaping implementation within a construction environment (across the site);
2. Installing trees (across the site);
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5. Planting on slopes; and
6. Working within close proximity of highways.

For further guidance, refer to HSE Construction Design and Management Regulations 2015.



This drawing is to be read in conjunction with all other drawings and specifications within the package. These drawings have been prepared in good faith and to the best of our knowledge and belief. EDP does not accept any liability for any errors or omissions in this drawing. EDP shall have no responsibility or liability for any loss or damage caused by the use of this drawing. The drawing must be used in accordance with the terms and conditions of the EDP Terms and Conditions.

purpose of issue FOR DISCUSSION			
1	Swales removed and planting area updated	06-12-2023	NMs
1	Further changes to planting reflecting engineering and services locations.	04-12-2023	JON
-	Original	12-10-2021	LCH
rev	description	date	by

client
Triax Symmetry Ltd and Siemens Healthineers

project title
Symmetry Park, Oxford North

drawing title
Detailed Landscape Proposals

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date
06 DECEMBER 2023

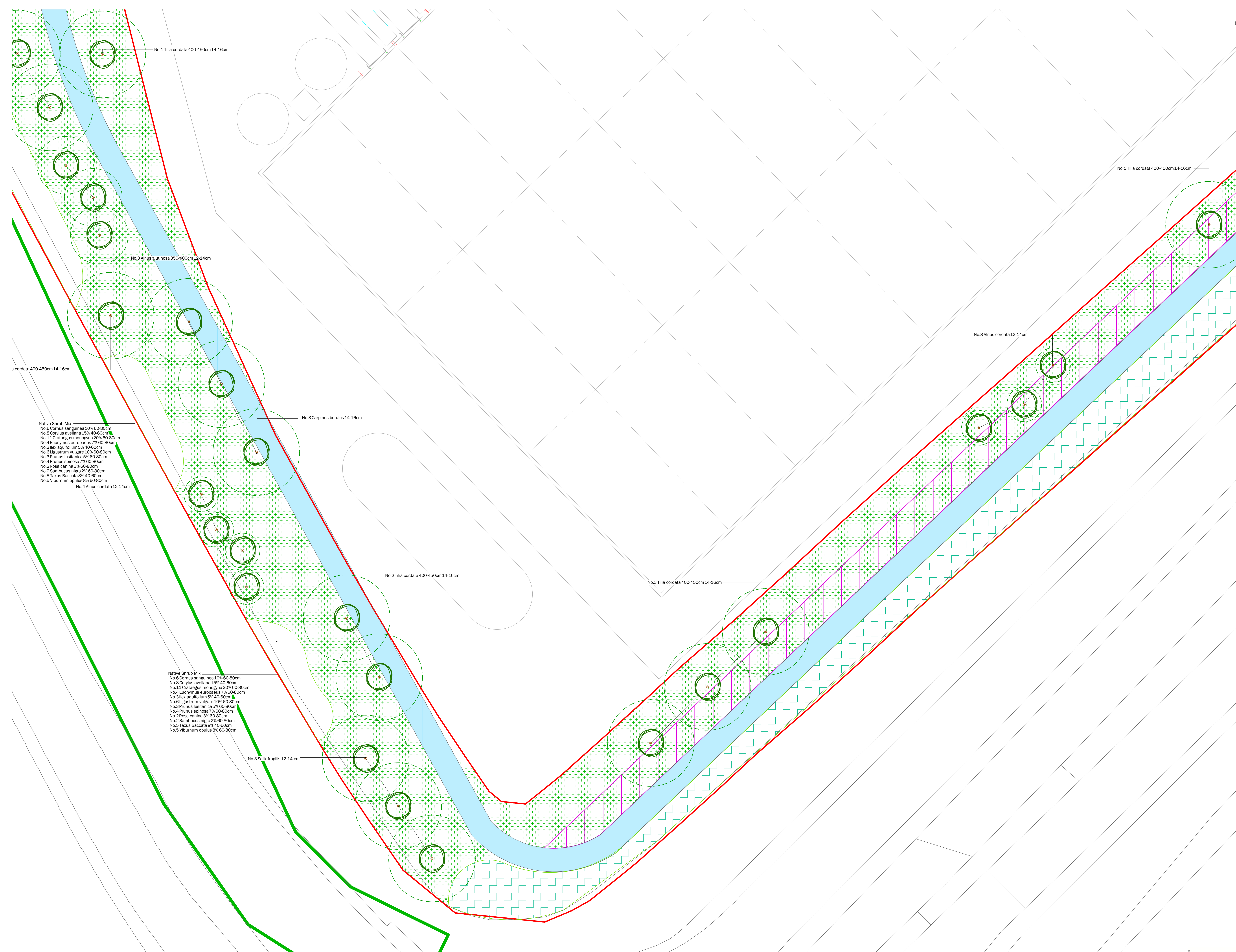
drawing number
edp2425_0017x

scale
1:200 @ A0

drawn by
JBA

checked by
BC

QA
RB



- Site boundary
- Existing Trees and Tree Groups to be Retained
Refer to the Arboricultural Report
- Existing Hedgerows to be Retained
Refer to the Arboricultural Report
- Proposed Tree Planting
- Proposed Hedgerow Planting
- Proposed Turf
Product: Mediation Turf or similar
Supplier: Robben
- Proposed Flowering Lawn Mixture
Product: EL1 Flowering Lawn Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Species-Rich Meadow Grass
Product: EMA Basic General Purpose Meadow Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Tussock Grass Mixture
Product: E620 Tussock Grass Mixture
Supplier: Emerygate Seeds
Sowing rate: 5g/m²
- Proposed Hedgerow Grass Mixture
Product: E71 Hedgerow Mixture
Supplier: Emerygate Seeds
Sowing rate: 5g/m²
- Proposed Ornamental Planting
- Proposed Bulb Planting
- Proposed Native Swathe Planting
- Proposed Native Feathered Tree and Shrub Mix
- Proposed Wetland Meadow Grass to Attenuation Basin
Product: E68 Meadow Grass Mixture for Wet Soils
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Diverted Watercourse
Refer to Engineers Drawings for details
- Extent of Structural Soil/ Underground Crate System
To ensure required rooting volumes for tree planting
- Proposed Gravel for Maintenance Access
- Proposed Footpath
Bespoke gravel footprint with timber edging. No-tie construction
- Proposed Boundary Fencing
Refer to Architects Drawings for details
- Proposed Trim Trail
Indicative locations of trim trail/ outdoor fitness equipment along proposed trim trail route
- Proposed Earth Mounding
With max 2:1 side slopes
- Proposed Root Barriers
Product: RootBar
Supplier: GreenBlue Urban or similar approved
Note: Depth and location to be confirmed by Engineers
- Ecological Buffer Zone
5m buffer from Wendlebury Brook
- Proposed Downstream Mitigation

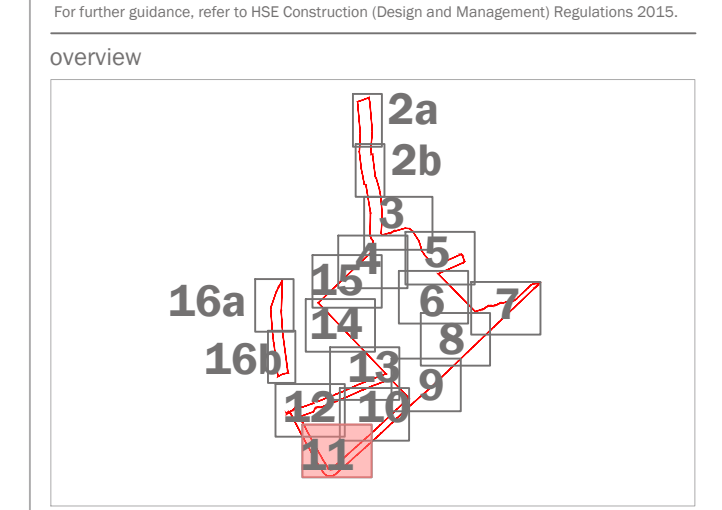
- Native Shrub Mix
- No.6 Cornus sanguinea 10% 60-80cm
 - No.8 Corylus avellana 15% 40-60cm
 - No.11 Crataegus monogyna 20% 60-80cm
 - No.4 Euonymus europaeus 7% 60-80cm
 - No.3 Ilex aquifolium 5% 40-60cm
 - No.6 Ligustrum vulgare 10% 60-80cm
 - No.3 Prunus lusitana 5% 60-80cm
 - No.4 Prunus spinosa 7% 60-80cm
 - No.2 Rosa carolina 3% 60-80cm
 - No.2 Sambucus nigra 2% 60-80cm
 - No.5 Taxus baccata 8% 40-60cm
 - No.5 Viburnum opulus 8% 60-80cm

- Native Shrub Mix
- No.6 Cornus sanguinea 10% 60-80cm
 - No.8 Corylus avellana 15% 40-60cm
 - No.11 Crataegus monogyna 20% 60-80cm
 - No.4 Euonymus europaeus 7% 60-80cm
 - No.3 Ilex aquifolium 5% 40-60cm
 - No.6 Ligustrum vulgare 10% 60-80cm
 - No.3 Prunus lusitana 5% 60-80cm
 - No.4 Prunus spinosa 7% 60-80cm
 - No.2 Rosa carolina 3% 60-80cm
 - No.2 Sambucus nigra 2% 60-80cm
 - No.5 Taxus baccata 8% 40-60cm
 - No.5 Viburnum opulus 8% 60-80cm

A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.

1. Soft landscaping implementation within a construction environment (across the site);
2. Installing trees (across the site);
3. Water bodies (attenuation ponds and swales);
4. Working within close proximity of underground services;
5. Planting on slopes; and
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purpose of issue			
1	Scale removed and planting areas updated	06-12-2023	NJM
2	Further changes to planting reflecting engineering and services locations.	04-12-2023	JON
-	Original	12-10-2021	LCH
rev	description	date	by

client
Trifox Symmetry Ltd and Siemens Healthineers

project title
Symmetry Park, Oxford North

drawing title
Detailed Landscape Proposals

date
06 DECEMBER 2023

drawing number
edp2425_0017x

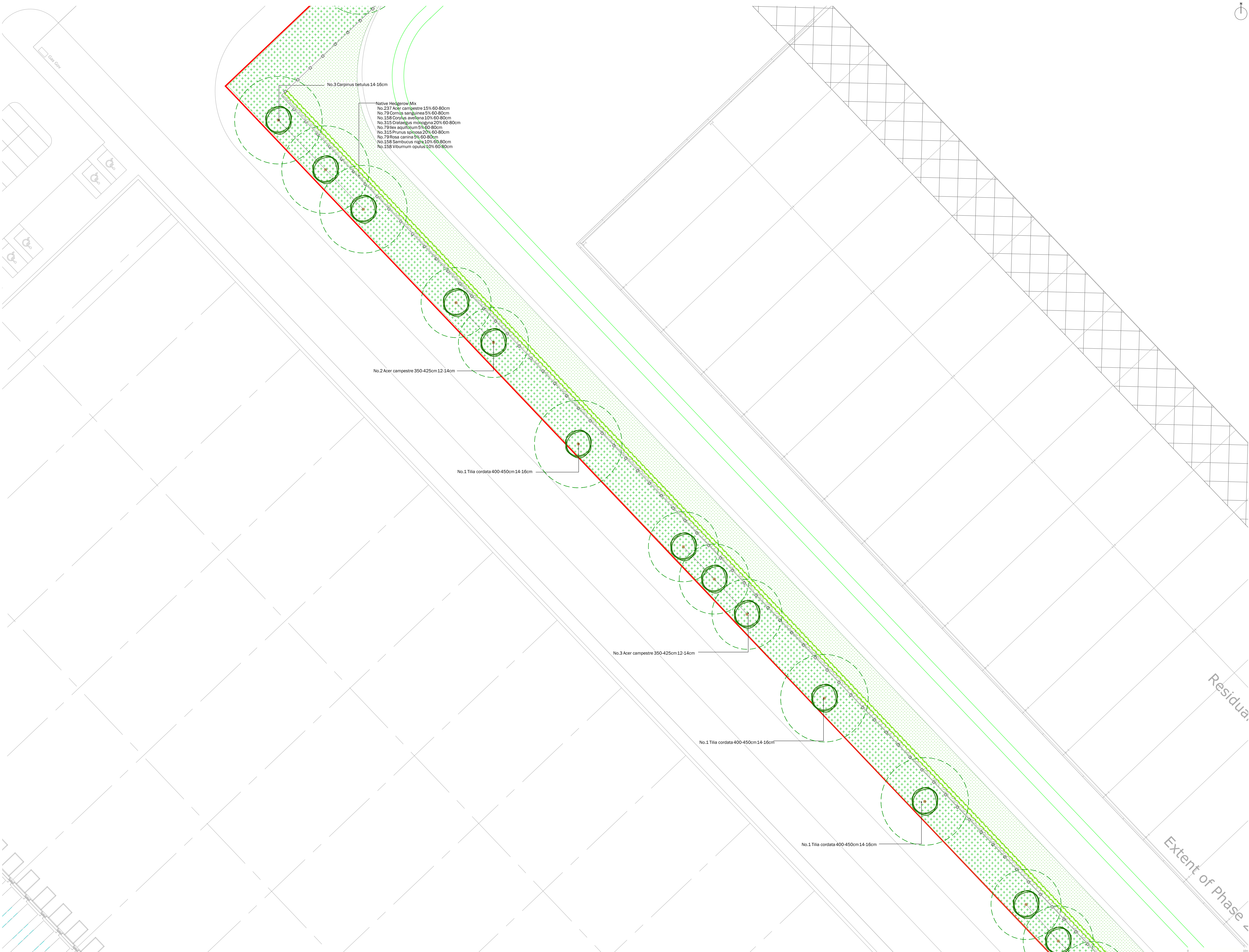
scale
1:200 @ A0

Sheet 11 of 17

drawn by
JBA

checked by
BC

QA
RB



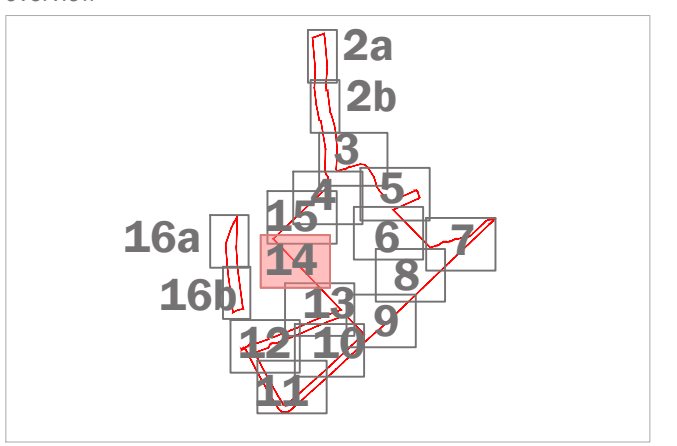
Native Hedgerow Mix
 No.237 Acer campestre 15% 60-80cm
 No.79 Cornus sanguinea 5% 60-80cm
 No.156 Corylus avellana 10% 60-80cm
 No.315 Crataegus mollis 20% 60-80cm
 No.79 Ilex aquifolium 5% 60-80cm
 No.315 Prunus spinosa 20% 60-80cm
 No.79 Rosa canina 5% 60-80cm
 No.158 Sambucus nigra 10% 60-80cm
 No.158 Viburnum opulus 10% 60-80cm

- Site boundary
- Existing Trees and Tree Groups to be Retained
Refer to the Arboricultural Report
- Existing Hedgerows to be Retained
Refer to the Arboricultural Report
- Proposed Tree Planting
Minimum Canopy Height
- Proposed Hedgerow Planting
- Proposed Turf
Product: Mediation Turf or similar
Supplier: Robson
- Proposed Flowering Lawn Mixture
Product: E1 Flowering Lawn Mixture
Supplier: Emongate Seeds
Sowing rate: 4g/m²
- Proposed Species-Rich Meadow Grass
Product: E3A Basic General Purpose Meadow Mixture
Supplier: Emongate Seeds
Sowing rate: 4g/m²
- Proposed Tussock Grass Mixture
Product: E3D Tussock Grass Mixture
Supplier: Emongate Seeds
Sowing rate: 5g/m²
- Proposed Hedgerow Grass Mixture
Product: E1D Hedgerow Mixture
Supplier: Emongate Seeds
Sowing rate: 5g/m²
- Proposed Ornamental Planting
- Proposed Bulb Planting
- Proposed Native Sward Planting
- Proposed Native Feathered Tree and Shrub Mix
- Proposed Wetland Meadow Grass to Attenuation Basin
Product: E5B Meadow Grass Mixture for Wet Soils
Supplier: Emongate Seeds
Sowing rate: 4g/m²
- Proposed Diverted Watercourse
Refer to Engineers drawings for details
- Extent of Structural Soil/ Underground Crate System
to ensure required rooting volumes for tree planting
- Proposed Gravel for Maintenance Access
- Proposed Footpath
Gravel on footpaths with timber edging. No-tie construction
- Proposed Boundary Fenceline
Refer to Architects drawings for details
- Proposed Trim Trail
indicates locations of trim trail/ outdoor fitness equipment along proposed trim trail route
- Proposed Earth Mounding
with max 1:3 side-slopes
- Proposed Root Barriers
Product: Root Barrier
Supplier: GreenBlue Urten or similar approved
Note: Depth and location to be confirmed by Engineers
- Ecological Buffer Zone
5m buffer from Wendlebury Brook

A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.

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 All dimensions are in millimeters unless otherwise specified.
 All work shall be done in accordance with the specifications in the contract documents.
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 The drawing shall be used in accordance with the specifications in the contract documents.
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purpose of issue **FOR DISCUSSION**

rev	description	date	by
1	Issue removed and planting areas	06-12-2023	NMs
2	Further changes to planting reflecting engineering and services locations.	04-12-2023	JON
3	Original	12-10-2021	LCH

client
Trifax Symmetry Ltd and Siemens Healthineers
 project title
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 drawing title
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 06 DECEMBER 2023
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 drawn by
 JBA
 checked by
 BC
 QA
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the environmental dimension partnership
 Registered office: 01285 740427 www.edp-uk.co.uk info@edp-uk.co.uk

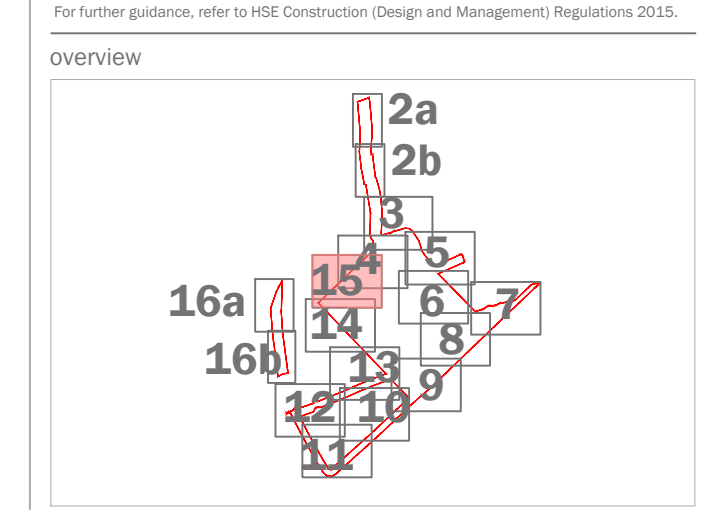


- Site boundary
- Existing Trees and Tree Groups to be Retained
Refer to the Arboricultural Report
- Existing Hedgerows to be Retained
Refer to the Arboricultural Report
- Proposed Tree Planting
Measure: General Hedgerow
- Proposed Hedgerow Planting
- Proposed Turf
Product: Mediation Turf or similar
Supplier: Robbenn
- Proposed Flowering Lawn Mixture
Product: E13 Flowering Lawn Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Species-Rich Meadow Grass
Product: EML Basic General Purpose Meadow Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Tussock Grass Mixture
Product: E620 Tussock Grass Mixture
Supplier: Emerygate Seeds
Sowing rate: 3g/m²
- Proposed Hedgerow Grass Mixture
Product: E11 Hedgerow Mixture
Supplier: Emerygate Seeds
Sowing rate: 3g/m²
- Proposed Ornamental Planting
- Proposed Bulb Planting
- Proposed Native Swathe Planting
- Proposed Native Feathered Tree and Shrub Mix
- Proposed Wetland Meadow Grass to Attenuation Basin
Product: E68 Meadow Grass Mixture for Wet Soils
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Diverted Watercourse
Refer to Engineers drawings for details
- Extent of Structural Soil/ Underground Crate System
to ensure required rooting volumes for tree planting
- Proposed Footpath
Bridges over footpaths with timber edging. No tie construction
- Proposed Trim Trail
Indicative locations of trim trail/ outdoor fitness equipment along proposed trim trail route
- Proposed Earth Mounding
with max 1:3 side slope
- Proposed Root Barriers
Product: Reflex Barrier
Supplier: GreenBlue Urban or similar approved
Note: Depth and location to be confirmed by Engineers
- Ecological Buffer Zone
5m buffer from Wendlebury Brook

A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.

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purpose of issue **FOR DISCUSSION**

rev	description	date	by
1	Swales removed and planting areas updated	06-12-2023	NMs
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client
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project title
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drawing number
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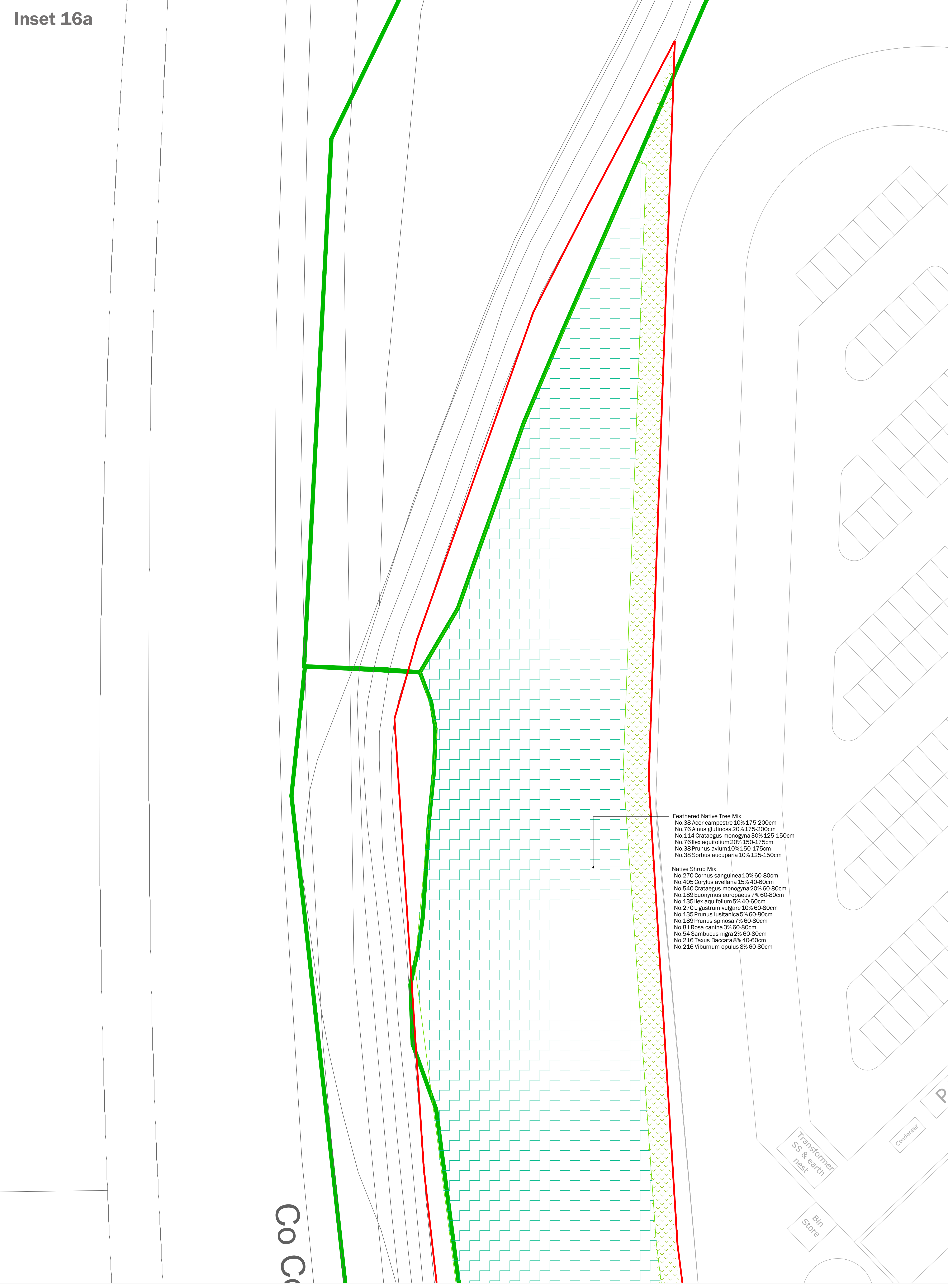
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Sheet 15 of 17

drawn by
JMA

checked
BC

QA
RB

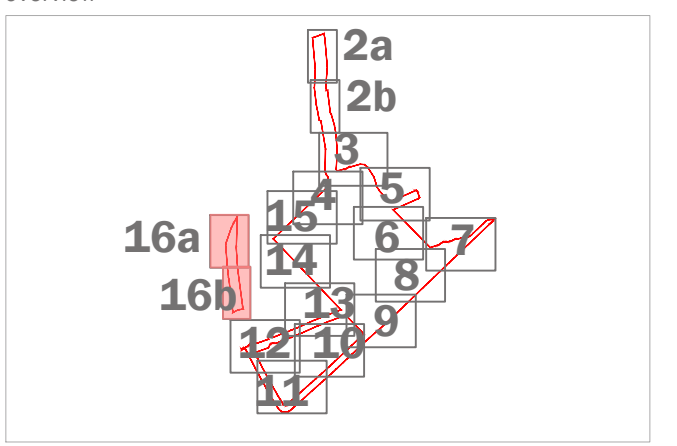


- Site boundary
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Refer to the Arboricultural Report
- Existing Hedgerows to be Retained
Refer to the Arboricultural Report
- Proposed Tree Planting
- Proposed Hedgerow Planting
- Proposed Turf
Product: Mediation Turf or similar
Supplier: Robben
- Proposed Flowering Lawn Mixture
Product: FL Flowering Lawn Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Species-Rich Meadow Grass
Product: EM3 Basic General Purpose Meadow Mixture
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Tussock Grass Mixture
Product: EG20 Tussock Grass Mixture
Supplier: Emerygate Seeds
Sowing rate: 5g/m²
- Proposed Hedgerow Grass Mixture
Product: EH Hedgerow Mixture
Supplier: Emerygate Seeds
Sowing rate: 5g/m²
- Proposed Ornamental Planting
- Proposed Bulb Planting
- Proposed Native Sward Planting
- Proposed Native Feathered Tree and Shrub Mix
- Proposed Wetland Meadow Grass to Attenuation Basin
Product: EG6 Meadow Grass Mixture for Wet Soils
Supplier: Emerygate Seeds
Sowing rate: 4g/m²
- Proposed Diverted Watercourse
Refer to Engineers drawings for details
- Extent of Structural Soil/ Underground Crate System
to ensure required rooting volumes for tree planting
- Proposed Gravel for Maintenance Access
- Proposed Footpath
Graded gravel footpath with timber edging. No-tie construction
- Proposed Boundary Fenceline
Refer to Architects drawings for details
- Proposed Trim Trail
Indicative locations of trim trail/ outdoor fitness equipment along proposed trim trail route
- Proposed Earth Mounding
with max 1:3 side-slopes
- Proposed Root Barriers
Product: Root Barrier
Supplier: GreenBlue Urban or similar approved
Note: Depth and location to be confirmed by Engineers
- Ecological Buffer Zone
5m buffer from Wendlebury Brook

A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.

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- Planting on slopes; and
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purpose of issue		FOR DISCUSSION	
1	Swales removed and planting areas updated	06-12-2023	NMs
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 BC
 QA
 RB

Native Tree and Shrub Planting



Planting Schedule

Number	Common Name	Species	Birth	Height	Specifications	Density
27	Common Maple	Acer campestre	12-14cm	350-425cm	RB Heavy Standard Clear Stem min. 200	Counted
184	Common Maple	Acer campestre	175-200cm	Feather 2x 5 brks B	4ctr	Counted
19	Field Maple 'Bretschelae'	Acer campestre 'Bretschelae'	12-14cm	350-425cm	RB Heavy Standard Clear Stem min. 200	Counted
19	Italian Alder	Alnus cordata	12-14cm	RB Heavy Standard Clear Stem 175-200	Counted	
387	Common alder	Alnus glutinosa	175-200cm	Feather 2x 5 brks B	4ctr	Counted
3	Common alder	Alnus glutinosa	12-14cm	350-400cm	RB Heavy Standard Clear Stem min. 200	Counted
32	Common Hornbeam	Carpinus betulus	14-16cm	RB Extra Heavy Standard Clear Stem 175-200	Counted	
1	Sweet Chestnut	Castanea	12-14cm	350-425cm	RB Heavy Standard Clear Stem 175-200 5 brks	Counted
548	Common Hawthorn	Crataegus monogyna	125-150cm	Feather 2x 5 brks B	4ctr	Counted
18	Common Hawthorn	Crataegus monogyna	100-125cm	1m*	Counted	
19	Maidenhair Tree	Ginkgo biloba	14-16cm	min. 450cm	Extra Heavy Standard Clear Stem min. 200 RB	Counted
387	Common Holly	Ilex aquifolium	150-175cm	Feather 2x 5 brks B	4ctr	Counted
15	American sweetgum	Liquidambar styraciflua	14-16cm	BR Extra Heavy Standard Clear Stem 175-200	Counted	
18	Common Crab Apple	Malus sylvestris	100-125cm	1m*	Counted	
3	Scots Pine	Pinus sylvestris	min. 450cm	Extra Heavy Standard Clear Stem min. 200 RB	Counted	
21	Flowering Cherry Sunset Boulevard	Prunus 'Sunset Boulevard'	12-14cm	400-450cm	Extra Heavy Standard Clear Stem min. 200 RB	Counted
184	Wild Cherry	Prunus avium	150-175cm	Transplant 1+2 B	4ctr	Counted
9	Wild Cherry	Prunus avium	100-125cm	1m*	Counted	
31	Chardiner Pear	Pyrus calleryana 'Chardiner'	8-10cm	RB Standard Clear Stem 175-200 3 brks	Counted	
4	Holly oak	Quercus ilex	16-18cm	RB Extra Heavy Standard Clear Stem 175-200	Counted	
12	Pin oak	Quercus palustris	18-20cm	min. 450cm	Extra Heavy Standard Clear Stem min. 200 RB	Counted
1	Sessile Oak	Quercus petraea	12-14cm	425-600cm	Extra Heavy Standard Clear Stem min. 200 RB	Counted
3	Coast Willow	Salix caprea	8-10cm	RB Standard Clear Stem 175-200 3 brks	Counted	
7	Crack Willow	Salix fragilis	12-14cm	RB Heavy Standard Clear Stem 175-200	Counted	
2	Bay Willow	Salix petardiana	12-14cm	350-425cm	3x Heavy Standard Clear Stem 175-200 5x RB	Counted
184	European Mountain ash	Sorbus aucuparia	125-150cm	Feather 2x 5 brks B	4ctr	Counted
15	Rosier 'Shearwater Seedling'	Sorbus aucuparia 'Shearwater Seedling'	12-14cm	RB Heavy Standard Clear Stem 175-200	Counted	
40	Littledale linden	Tilia cordata	14-16cm	400-450cm	RB 3x Extra Heavy Standard Clear Stem 175-200 5 brks	Counted
5	Elm 'New Horizon'	Ulmus 'New Horizon'	12-14cm	350-425cm	RB Heavy Standard Clear Stem 175-200	Counted

Total 2158

Shrubs

Number	Common Name	Species	Height	Pot Size	Specification	Density
225	Japanese Laurel 'Rozanne'	Aucuba japonica 'Rozanne'	30-40cm	3L	Bushy C	3m²
22	Shrub Ragwort	Brachyglottis 'Sunburst'	30-40cm	3L	Bushy C	3m²
9		Ceanothus 'Cochin'	100-125cm		1m*	Counted
225	Mexican Orange Blossom 'Aster Pearl'	Chrysalea 'Aster Pearl'	30-40cm	3L	Bushy C	3m²
26	Black Rose 'Silva Plena'	Chaenactis 'Silva Plena'	30-40cm	3L	Bushy C	3m²
28	Common Dogwood	Cornus sanguinea	60-80cm	1+2 3 brks B	10ctr	Counted
1319	Common Dogwood	Cornus sanguinea	60-80cm	1+2 3 brks B	15ctr	Counted
9	Common Dogwood	Cornus sanguinea	100-125cm		1m*	Counted
38	Golden leaf dogwood	Cornus canadensis 'Flavamea'	30-40cm	3L	Branched C	3m²
28	Common Hazel	Corylus avellana	60-80cm	1+2 3 brks B	10ctr	Counted
1876	Common Hazel	Corylus avellana	40-60cm	1+2 3 brks B	15ctr	Counted
2633	Common Hawthorn	Crataegus monogyna	60-80cm	1+1 B	15ctr	Counted
923	Common Spindle Tree	Euonymus europaeus	60-80cm	1+1 B	15ctr	Counted
18	Common Spindle Tree	Euonymus europaeus	100-125cm		1m*	Counted
38	Euonymus 'Emerald Gaiety'	Euonymus fortunei 'Emerald Gaiety'	30-40cm	3L	Bushy C	3m²
32	Shrubby Veronica 'Red Edge'	Hebe 'Red Edge'	30-40cm	3L	Bushy C	3m²
74	Shrubby Veronica	Hebe abicans	40-60cm	3L	Bushy C	3m²
32	Shrubby Veronica	Hebe abicans	30-40cm	3L	Bushy C	3m²
32		Hebe pingii/ikita	30-40cm	3L	Bushy C	3m²
237	a Shrubby Veronica	Hebe rakainiana	30-40cm	3L	Bushy C	3m²
74	Sevenbark 'Annabelle'	Hydrangea arborescens 'Annabelle'	40-60cm	3L	Bushy C	3m²
225	St John's Wort 'Hidcot'	Hypericum 'Hidcot'	30-40cm	3L	Bushy C	3m²
661	Common Holly	Ilex aquifolium	40-60cm	3L	C	15ctr
18	Common Holly	Ilex aquifolium	100-125cm		1m*	Counted
1319	Common Privet	Ligustrum vulgare	60-80cm	3L	1+1 3 brks B	15ctr
225	Privet Honeyuckle	Lonicera pileata	30-40cm	3L	Bushy C	3m²
20	Russian Sage 'Blue Spire'	Perovskia atriplicata 'Blue Spire'	30-40cm	3L	Bushy C	3m²
18		Pinus ponderosa 'Silver Queen'	100-125cm		1m*	Counted
661	Portugal Laurel	Prunus laetissima	60-80cm	5-7.5L	C	15ctr
923	Blackthorn	Prunus spinosa	60-80cm	5-7.5L	1+2 B	15ctr
18	Blackthorn	Prunus spinosa	100-125cm		1m*	Counted
388	Dog Rose	Rosa canina	60-80cm	5-7.5L	1+1 3 brks B	15ctr

Total 288

Hedges

Number	Common Name	Species	Height	Specification	Density
483	Common Maple	Acer campestre	60-80cm	Branched 1+1 B	0.5Ch Double Staggered at 0.4m offset
1249	Common Hornbeam	Carpinus betulus	60-80cm	1+1 B	0.5Ch Double Staggered at 0.4m offset
155	Common Dogwood	Cornus sanguinea	60-80cm	Branched 1+1 B	0.5Ch Double Staggered at 0.4m offset
309	Common Hazel	Corylus avellana	60-80cm	Branched 1+1 B	0.5Ch Double Staggered at 0.4m offset
614	Common Hawthorn	Crataegus monogyna	60-80cm	Branched 1+1 B	0.5Ch Double Staggered at 0.4m offset
700	Common Beech	Fagus sylvatica	60-80cm	1+1 B	0.5Ch Double Staggered at 0.4m offset
288	Common Beech	Fagus sylvatica	125-150cm	1+1 B	0.5Ch Double Staggered at 0.4m offset
155	Common Holly	Ilex aquifolium	60-80cm	Branched 1+1 B	0.5Ch Double Staggered at 0.4m offset
614	Blackthorn	Prunus spinosa	60-80cm	Branched 1+1 B	0.5Ch Double Staggered at 0.4m offset
155	Dog Rose	Rosa canina	60-80cm	1+1 B	0.5Ch Double Staggered at 0.4m offset
309	Common Elder	Sambucus nigra	60-80cm	Branched 1+1 B	0.5Ch Double Staggered at 0.4m offset
1310	Common Yew	Taxus baccata	60-80cm	1+1 B	0.5Ch Double Staggered at 0.4m offset
309	Guelder Rose	Viburnum opulus	60-80cm	Branched 1+1 B	0.5Ch Double Staggered at 0.4m offset

Total 9628

Double Staggered Row



Double Staggered Row

Native Hedgerow Planting Detail

1. 2m wide biodegradable weed mat not pegged down with biodegradable pegs along line of hedgerow to prevent weed growth and retain moisture.
2. 2m wide biodegradable weed mat not pegged down with biodegradable pegs along line of hedgerow to prevent weed growth and retain moisture.
3. Whip to be notch planted following clearance of any existing vegetation.

Immediately after planting, water the whip, saturating the ground around its base to field capacity.

For further general guidance on planting refer to BS 8545:2014 Section 10 and BS 5428:1989 Section 9.

Products suggested in italics above are available from Tubex (<http://www.tubex.com/>).

Whip Planting Detail

1. Clear spiral guard to be fitted to trunk to protect against animal browsing with supporting cane or stake.
2. 500x50mm biodegradable mulch mat pegged down with supplied biodegradable plastic anchor pegs around the whip to prevent weed growth and retain moisture.
3. Whip to be notch planted following clearance of any existing vegetation.

Immediately after planting, water the whip, saturating the ground around its base to field capacity.

For further general guidance on planting refer to BS 8545:2014 Section 10 and BS 5428:1989 Section 9.

Products suggested in italics above are available from Tubex (<http://www.tubex.com/>).

Tree Maintenance and Management During 5 Year Establishment Period

Immediately following planting, the tree should be watered thoroughly. Following this, and with regard to prevailing weather conditions, newly planted trees should be watered regularly during periods of dry weather. If the tree pit has been specified with an irrigation pipe, this should be used as the primary method of watering. If no irrigation pipe is specified, the square metre of ground around the tree should be soaked to field capacity (refer to BS8545:2014 for further detail) by surface watering. Watering frequency is more important than quantity to prevent the root ball of the newly planted tree from drying out.

All trees are fitted with protective guards to prevent animal damage. These should be checked regularly to ensure they remain in place and are providing adequate protection against the animals in the area. If damage to trees from browsing by animals still occurs, additional measures may be required.

A formal assessment of young tree health and development should be carried out annually by a qualified arborist who will be able to advise on solutions should any problems be picked up. During this assessment, any stakes and ties should be checked to ensure they are providing support but not damaging the tree and that the tree is still firmly seated in the ground. If the tree has become loose in the ground, the soil around the base should be re-firmed and stakes and ties adjusted accordingly.

The mulched area around the base of the tree should be kept clear of competing vegetation and weeds at all times.

Tree stakes and ties should be removed once the tree has established a strong enough root system to support itself. Ideally, to be 1.2 years after planting. Tree guards should only be removed if they are beginning to restrict tree growth or if it is felt the risk of damage has significantly reduced due to strong tree growth and equipment or changes in the surrounding environment.

Formative pruning should be carried out in accordance with BS3998 as required throughout the 5 year establishment period.

For further guidance on tree maintenance during establishment refer to BS8545:2014 Section 11.

Whip Maintenance and Management During 5 Year Establishment Period

Immediately following planting, the whip should be watered thoroughly. Following this, and with regard to prevailing weather conditions, newly planted whips should be watered regularly during periods of dry weather. When watering the square metre of ground around the whip should be soaked to field capacity (refer to BS 8545:2014 for further detail) by surface watering. Watering frequency is more important than quantity to prevent the roots of the newly planted whip from drying out.

All whips are fitted with protective guards to prevent animal damage. These should be checked regularly to ensure they remain in place and are providing adequate protection against the animals in the area. If damage to whips from browsing by animals still occurs, additional measures may be required.

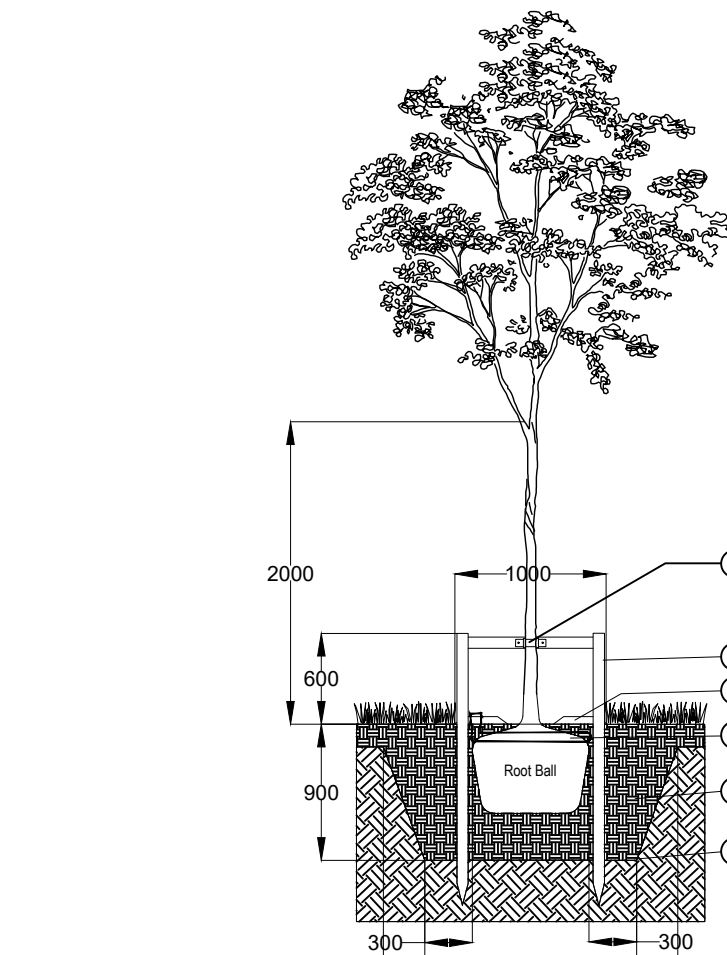
A formal assessment of areas of whip planting should be carried out annually by a qualified arborist who will be able to advise on solutions should any problems be picked up. During this assessment, any stakes and ties should be checked to ensure they are providing protection but not damaging the whips and that their roots are still firmly seated in the ground. If the whip has become loose in the ground the soil around the base should be re-firmed and guards adjusted accordingly.

The space above the mulch mat around the whip should be kept clear of competing vegetation and weeds at all times.

The shrub shelter guard should be removed once the whip has established a strong enough root system to support itself and has begun to grow strongly clear of the top of the shelter guard. Ideally to be 1.2 years after planting. Biodegradable mulch mats can remain in place indefinitely.

Formative pruning should be carried out in accordance with BS3998 as required during the first 5 years to ensure the desired form is achieved.

For further guidance on whip and tree maintenance during establishment refer to BS8545:2014 Section 11.



Tree Pit Detail

1. Excavate tree pit to sufficient size to accommodate tree root ball with 300mm free space around the root ball. Loosen any compaction in base of excavated pit to aid drainage. The tree should be planted at a depth where the root flare is still visible, just breaking the soil surface, following backfilling.
2. 2x tanalised timber tree stakes 1.8m, 75mm Ø and crossbar driven into backfilled pit to provide support to the tree.
3. Backfill tree pit with subsoil and topsoil excavated from pit. If this is regarded as of sufficient quality to promote the healthy establishment of the tree, if either the top soil or sub soil excavated from the pit is of poor quality, then soil amendments may be used sparingly or imported topsoil compliant with BS3882 should be used.
4. RoofRain Metro irrigation system or similar approved. Place around top of root ball and nail to supporting stake, ensuring filter cap finishes slightly above mulch level.
5. 75mm deep bark mulch layer to be spread evenly over a circular area 1000mm Ø around the tree to prevent weed growth and retain moisture. Alternatively, a suitable mulch mat can be used covering the same area.
6. Use a single tree tie comprising nylon reinforced rubber belt and pad/spacer fixed to cross bar in accordance with manufacturers guidance. (Green Blue Urban G8338 (35mm wide belt) and G4344 (38mm Extra Large Pad) or similar approved)

For further guidance on tree planting refer to BS 8545:2014 Section 10.

Products underlined above are available from Green Blue Urban (<http://greenblueurban.com/>).

Tree Maintenance and Management During 5 Year Establishment Period

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The mulched area around the base of the tree should be kept clear of competing vegetation and weeds at all times.

Tree stakes and ties should be removed once the tree has established a strong enough root system to support itself. Ideally, to be 1.2 years after planting. Tree guards should only be removed if they are beginning to restrict tree growth or if it is felt the risk of damage has significantly reduced due to strong tree growth and equipment or changes in the surrounding environment.

Formative pruning should be carried out in accordance with BS3998 as required throughout the 5 year establishment period.

For further guidance on tree maintenance during establishment refer to BS8545:2014 Section 11.

Whip Maintenance and Management During 5 Year Establishment Period

Immediately following planting, the whip should be watered thoroughly. Following this, and with regard to prevailing weather conditions, newly planted whips should be watered regularly during periods of dry weather. When watering the square metre of ground around the whip should be soaked to field capacity (refer to BS 8545:2014 for further detail) by surface watering. Watering frequency is more important than quantity to prevent the roots of the newly planted whip from drying out.

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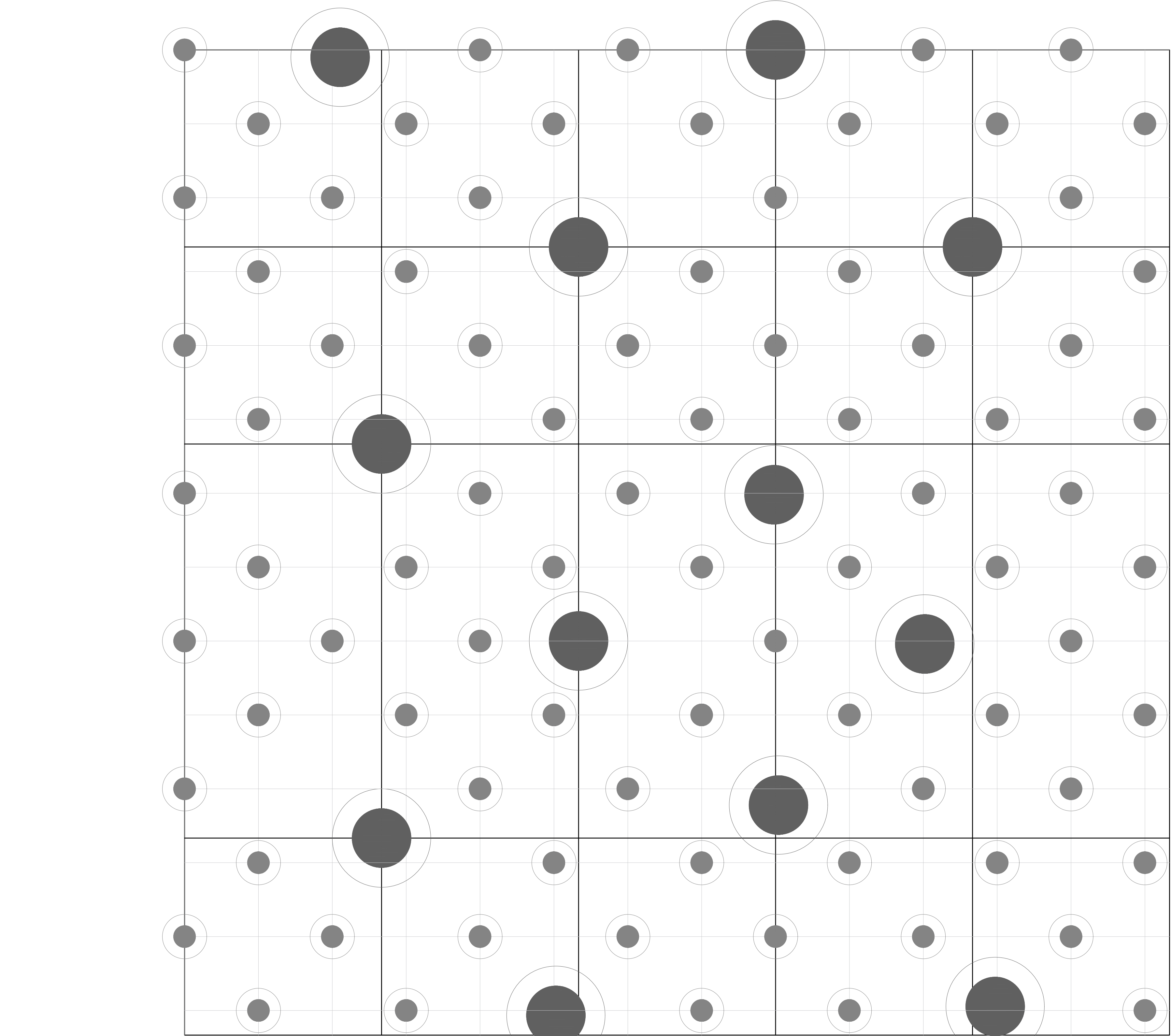
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For further guidance on whip and tree maintenance during establishment refer to BS8545:2014 Section 11.



● Whip @ 1.5m centers ● Feather @ 4m centers

388 Dog Rose Rosa canina 60-80cm 5-7.5L 1+1 3 brks B

18 Common Maple Acer campestre 100-125cm 3L 3m²

20 Rosmarinus off. 'Miss Jessop's Upright' 30-40cm 3L Bushy C

28 Purple-leaf Willow Salix purpurea 60-80cm Branched 1+1 BR

28 Common Elder Salix viminalis 60-80cm Branched 1+1 BR

28 Common Elder Sambucus nigra 60-80cm 1+1 3 brks B

1056 Common Yew Taxus baccata 40-60cm 3L C

28 Wayfaring tree Viburnum lantana 60-80cm Branched 1+1 BR

1056 Guelder Rose Viburnum opulus 100-125cm 1+2 3 brks B

18 Guelder Rose Viburnum opulus 100-125cm

9 Laurustinus 'Eve Pico' Viburnum tinus 'Eve Pico' 100-125cm

Total 15020

Herbaceous

Number	Common Name	Species	Height	Pot Size	Specification	Density
28	'Yarrow Terracotta'	Achillea 'Terracotta'	5L	Full Pot		
58	Balkan Cranesbill 'Hibum'	Geranium macrorrhizum 'Hibum'	5L	Full Pot		
26	Heilmum 'Moerhous Beauty'	Heilmum 'Moerhous Beauty'	5L	Full Pot		
28	Knapflora 'Coral Flame'	Kniphofia 'Coral Flame'	5L	Full Pot		
28	Rudbeckia 'Goldstar'	Rudbeckia 'Goldstar'	5L	Full Pot		

Total 1588

Bulbs

Number	Common Name	Species	Bulb Size	Specification	Density
247		Crocus kermanshensis 'Ruby Giant'	Grade 7/8	15cm*	
247		Narcissus 'Tete a Tete'	Grade 7/8	15cm*	
247	Wild Daffodil	Narcissus pseudonarcissus	Grade 7/8	15cm*	

Total 741

Grasses

Number	Common Name	Species	Specification	Density
20	Tufted Hair Grass 'Goldstar'	Deschampsia cespitosa '		