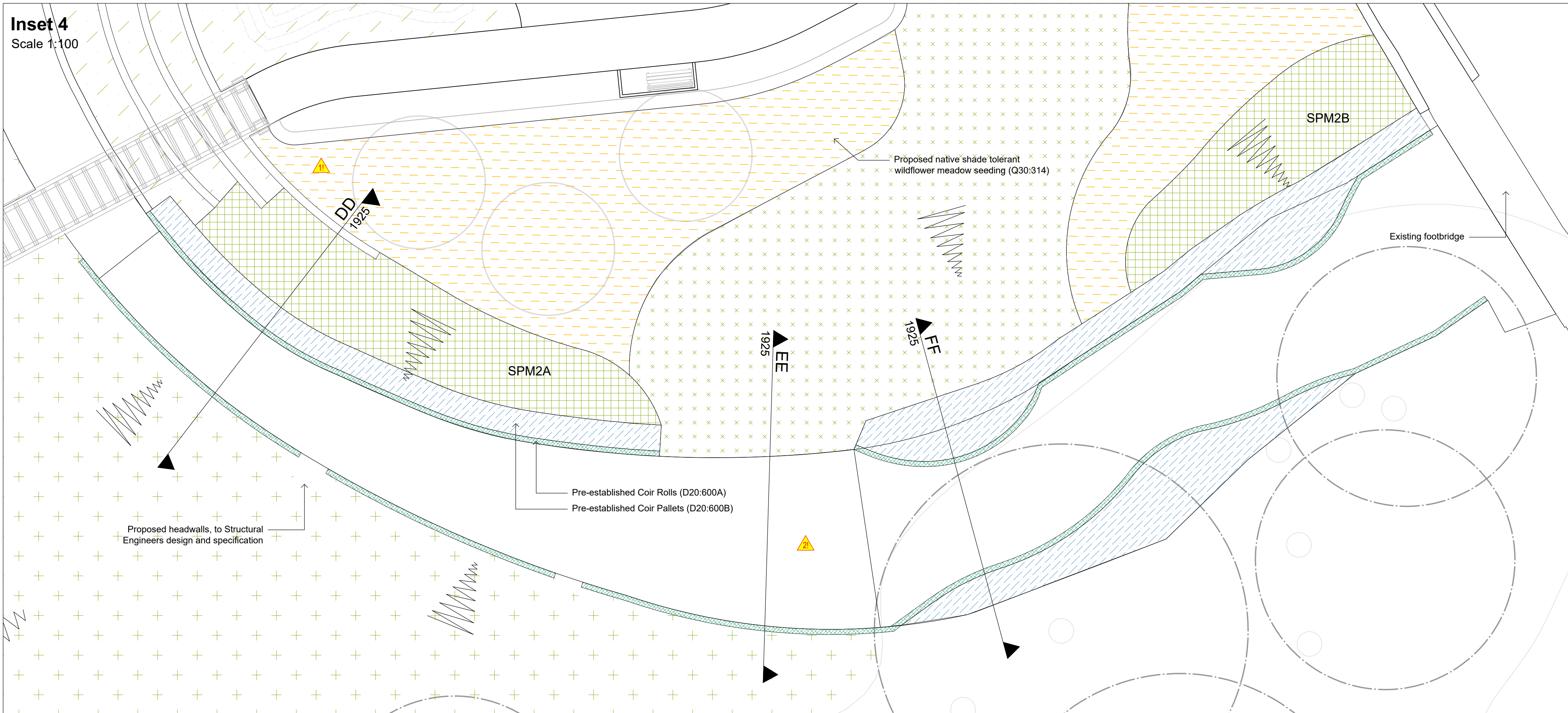
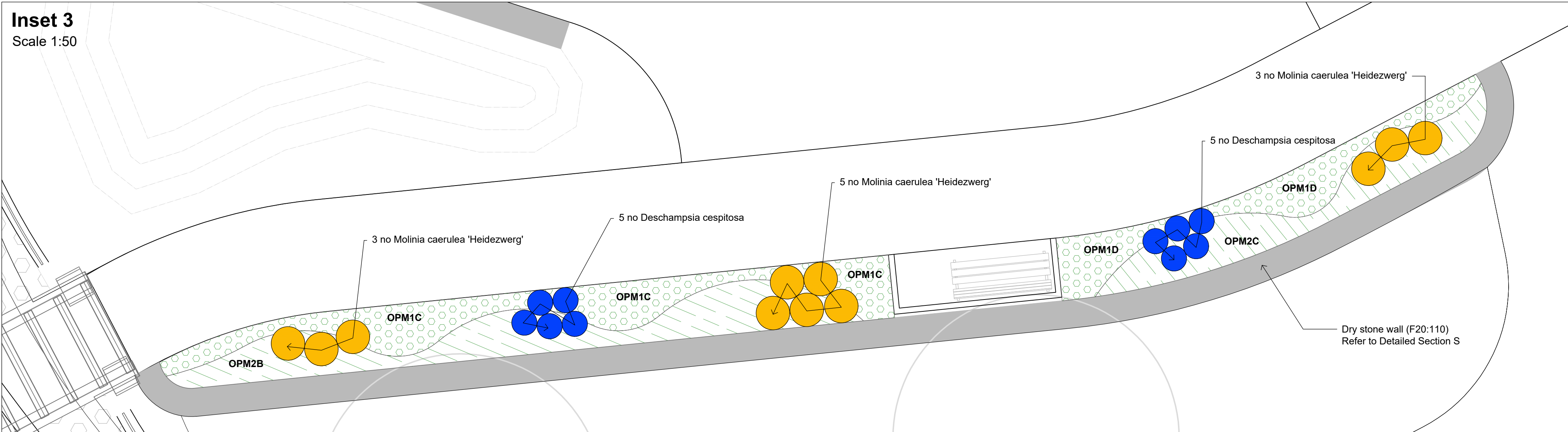
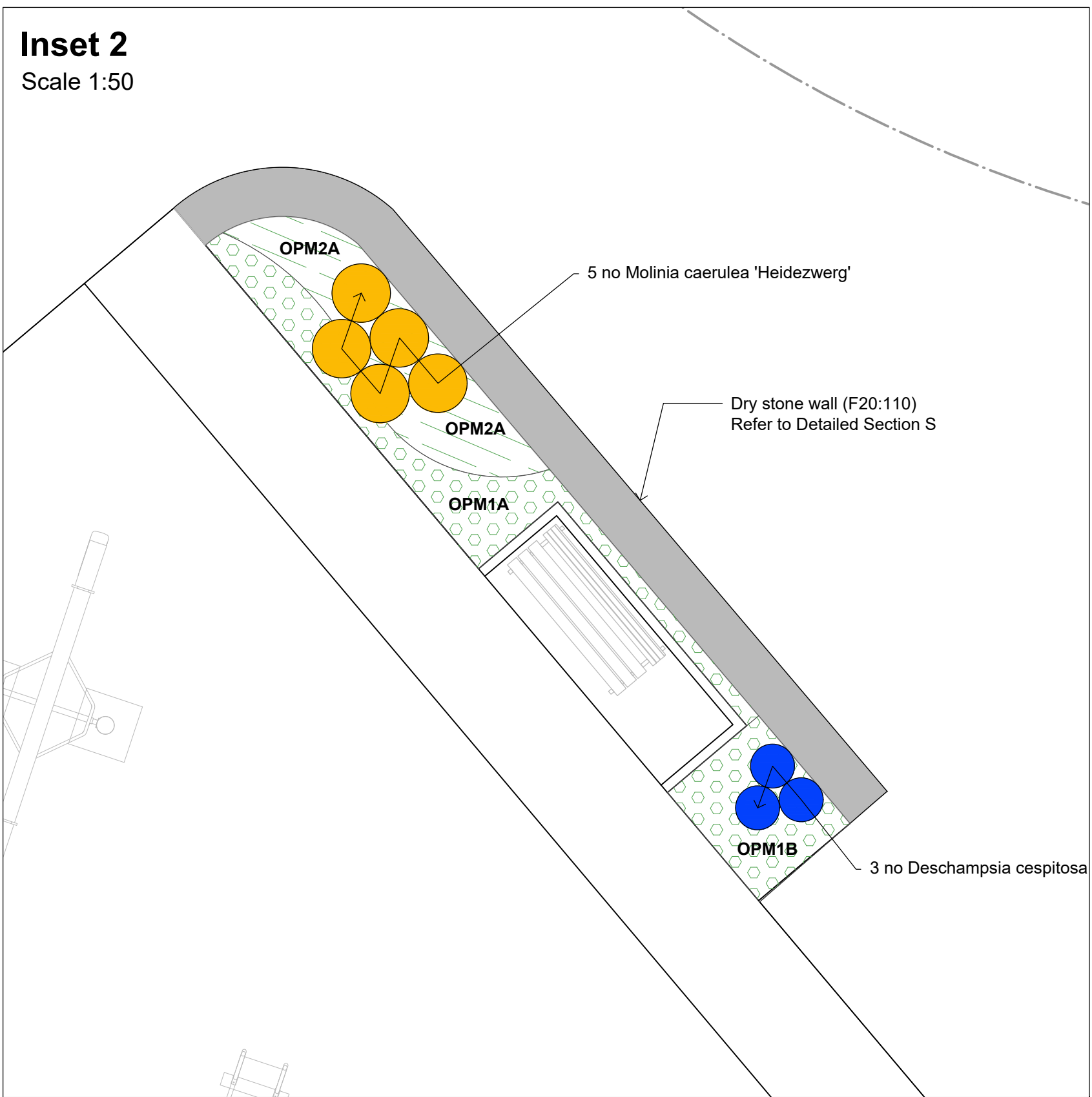




Toddbrook Memorial Park Planting Schedule Total

Total Trees						
Name	Common name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Quantity
<i>Acer campestre</i> (HS)	Field Maple 'Elsrijk'	18-20	450 - 500	RB	3x; HS; clear stem min. 200cm	5
<i>Betula pubescens</i> (EHS)	Downy Birch	16-18	400-450	RB	3x; EHS; clear stem min. 200cm	2
<i>Betula pubescens</i> (LF)	Downy Birch	12-14	350-425	RB	3x; Large Feathered; 7 breaks	4
<i>Carpinus betulus</i> (EHS)	Hornbeam	16-18	400-450	RB	3x; EHS; clear stem min. 200cm	6
<i>Carpinus betulus</i> (SM)	Hornbeam	30-35	600-650	RB	4x; Semi-mature; clear stem min. 200cm	3
<i>Quercus petraea</i> (EHS)	Sessile Oak	16-18	400-450	RB	3x; EHS; clear stem min. 200cm	2
<i>Quercus petraea</i> (SM)	Sessile Oak	25-30	550-600	RB	4x; Semi-mature; clear stem min. 200cm	3
<i>Prunus padus</i> (EHS)	Bird Cherry	14-16	400-450	RB	3x; EHS; clear stem 175-200cm; 5 breaks	8
<i>Ulmus 'New Horizon'</i> (EHS)	Resistant Elm	16-18	400-450	RB	3x; EHS; clear stem min. 200cm	5
<i>Ulmus 'New Horizon'</i> (SM)	Resistant Elm	25-30	550-600	RB	4x; Semi-mature; clear stem min. 200cm	4

Total Shrubs					
Name	Common name	Size	Root Type	Specification	Quantity
<i>Cornus sanguinea</i>	Common Dogwood	60-80	BR	1+1; Transplant - seed raised; branched; 3 breaks	140
<i>Corylus avellana</i>	Common Hazel	80-100	BR	1+2; Transplant - seed raised; branched; 4 breaks	116
<i>Euonymus europaeus</i>	Spindle	40-60	BR	1+1; Transplant - seed raised; branched; 3 breaks	15
<i>Prunus spinosa</i>	Blackthorn	40-60	BR	1+1; Transplant - seed raised; branched; 2 breaks	58
<i>Rhamnus frangula</i>	Alder Buckthorn	60-80	BR	1+1; Transplant - seed raised; leader with laterals; 3 breaks	160
<i>Ribes uva-crispa</i>	European Gooseberry	30-40	BR	1+0; Seedling; branched; 2 breaks	34
<i>Rosa rubiginosa</i>	Sweet Briar	40-60	BR	1+1; Transplant - seed raised; branched; 3 breaks	5
<i>Salix lanata</i>	Woolly Willow	2L	C	Branched; 2 breaks	19
<i>Sambucus nigra</i>	Elder	80-100	BR	1+1; Transplant - seed raised; branched; 3 breaks	58
<i>Viburnum opulus</i>	Gelder Rose	60-80	BR	1+2; Transplant - seed raised; branched; 3 breaks	73

Total Perennials				
Name	Common Name	Size	Root Type	Quantity
<i>Achillea filipendulina</i> 'Cloth Of Gold'	Yarrow	9cm, Full pot	C	6
<i>Allium giganteum</i>	Giant Ornamental Onion	2L, Full pot	C	6
<i>Centaurea montana</i>	Mountain Cornflower	9cm, Full pot	C	9
<i>Betonica officinalis</i>	Common Hedge-nettle	9cm, Full pot	C	9
<i>Galium odoratum</i>	Sweet Woodruff	9cm, Full pot	C	16
<i>Geranium macrorrhizum</i> 'White-Ness'	Rock Cranesbill	9cm, Full pot	C	11
<i>Narcissus 'February Gold'</i>	Cyclamineus Daffodil	Grade 10/12	Bulb	171
<i>Narcissus pseudonarcissus</i>	Wild Daffodil	Grade 5/6	Bulb	171
<i>Rosmarinus officinalis</i>	Rosemary	9cm, Full pot	C	8
<i>Rudbeckia 'Goldstrum'</i>	Cornflower 'Goldstrum'	9cm, Full pot	C	11
<i>Salvia nemorosa</i> 'Caradonna'	Balkan Clary 'Caradonna'	9cm, Full pot	C	8
<i>Salvia officinalis</i> 'Purpurascens'	Purple Sage	9cm, Full pot	C	13
<i>Stachys byzantina</i>	Lamb's Ear	9cm, Full pot	C	16
<i>Verbena bonariensis</i>	Purpletop Vervain	9cm, Full pot	C	6

Total Ornamental Grasses				
Name	Common Name	Size	Root Type	Quantity
<i>Deschampsia cespitosa</i>	Tufted Hair Grass	10L, Full pot	C	13
<i>Molinia caerulea subsp. caerulea</i> 'Heidezwerg'	Purple moor grass	10L, Full pot	C	16

Toddbrook Memorial Park Quantity Breakdown in Mixes

Shrub Planting Mix 1 (SPM1)						
Name	Common name	Root Type	Density (/m2)	%	Quantity in SPM1A	Quantity in SPM1B
<i>Cornus sanguinea</i>	Common Dogwood	BR	1	20	40	76
<i>Corylus avellana</i>	Common Hazel	BR	1	20	40	76
<i>Prunus spinosa</i>	Blackthorn	BR	1	10	20	38
<i>Rhamnus frangula</i>	Alder Buckthorn	BR	1	25	50	95
<i>Ribes uva-crispa</i>	European Gooseberry	BR	1	5	10	19
<i>Sambucus nigra</i>	Elder	BR	1	10	20	38
<i>Viburnum opulus</i>	Gelder Rose	BR	1	10	20	38

Note: All plants shown in mix schedules are also captured within the planting schedule above. Do not double count

Shrub Planting Mix 2 (SPM2)						
Name	Common Name	Root Type	Density (/m2)	%	Quantity in SPM2A	Quantity in SPM2B
<i>Cornus sanguinea</i>	Common Dogwood	BR	1	25	14	10
<i>Euonymus europaeus</i>	Spindle	BR	1	15	9	6
<i>Rhamnus frangula</i>	Alder Buckthorn	BR	1	15	9	6
<i>Ribes uva-crispa</i>	European Gooseberry	BR	1	5	3	2
<i>Rosa rubiginosa</i>	Sweet Briar	BR	1	5	3	2
<i>Salix lanata</i>	Woolly Willow	C	1	20	11	8
<i>Viburnum opulus</i>	Gelder Rose	BR	1	15	9	6

Ornamental Planting Mix 1 (OPM1)								
Name	Common Name	Root Type	Size	Density (/m2)	%	Quantity in OPM1A	Quantity in OPM1B	Quantity in OPM1C
<i>Centaurea montana</i>	Mountain Cornflower	C	9cm, Full pot	5	15	2	1	5
<i>Betonica officinalis</i>	Common Hedge-nettle	C	9cm, Full pot	5	15	2	1	5
<i>Galium odoratum</i>	Sweet Woodruff	C	9cm, Full pot	5	25	3	2	9
<i>Narcissus 'February Gold'</i>	Cyclamineus Daffodil	Bulb	Grade 10/12	50	n/a	20	14	51
<i>Narcissus Pseudonarcissus</i>	Wild Daffodil	Bulb	Grade 5/6	50	n/a	20	14	51
<i>Salvia officinalis</i> 'Purpurascens'	Purple Sage	C	9cm, Full pot	5	20	3	2	7
<i>Stachys byzantina</i>	Lamb's Ear	C	9cm, Full pot	5	25	3	2	9

Ornamental Planting Mix 2 (OPM2)								
Name	Common Name	Root Type	Size	Density (/m2)	%	Quantity in OPM2A	Quantity in OPM2B	Quantity in OPM2C
<i>Achillea filipendulina</i> 'Cloth Of Gold'	Yarrow	C	9cm, Full pot	5	10	1	4	3
<i>Allium giganteum</i>	Giant Ornamental Onion	C	2L, Full pot	5	10	1	4	3
<i>Geranium macrorrhizum</i> 'White-Ness'	Rock Cranesbill	C	9cm, Full pot	5	20	3	7	5
<i>Narcissus 'February Gold'</i>	Cyclamineus Daffodil	Bulb	Grade 10/12	50	n/a	21	55	38
<i>Narcissus pseudonarcissus</i>	Wild Daffodil	Bulb	Grade 5/6	50	n/a	21	55	38
<i>Rosmarinus officinalis</i>	Rosemary	C	9cm, Full pot	5	15	2	5	4
<i>Rudbeckia 'Goldstrum'</i>	Cornflower 'Goldstrum'	C	9cm, Full pot	5	20	3	7	5
<i>Salvia nemorosa</i> 'Caradonna'	Balkan Clary 'Caradonna'	C	9cm, Full pot	5	15	2	5	4
<i>Verbena bonariensis</i>	Purpletop Vervain	C	9cm, Full pot	5	10	1	4	3

Ornamental Planting Mix 1 notes:

- *Stachys byzantina* to be planted in groups close the path edge
- All species to be planted randomly in groups of 3, 5 or 7
- Ensure even spread of species across the full planting area
- Bulbs to be planted in groups (ideally 7 or 9)

Ornamental Planting Mix 2 Notes:

- All species to be planted randomly in groups of 3, 5 or 7
- Ensure even spread of species across the full planting area
- *Achillea filipendulina* 'Cloth Of Gold' and *Rudbeckia 'Goldstrum'* to be placed with other species in between to prevent large blocks of similar coloured areas occurring
- Bulbs to be planted in groups (ideally 7 or 9)

Bulb Mix 1 (BM1)										
Name	Common Name	Root Type	Size	Density (/m2)	%	Quantity in BM1A	Quantity in BM1B	Quantity in BM1C	Quantity in BM1D	Quantity in BM1E
<i>Calchicum autumnale</i>	Meadow Saffron	Bulb	Grade 18/20	50	50	1275	450	450	650	700
<i>Crucis vernus</i>	Spring Crocus	Bulb	Grade 8/19	75	50	1913	675	675	975	1050

Bulb Mix 2 (BM2)					
Name	Common Name	Root Type	Size	Density (/m2)	Quantity in BM2A
<i>Galanthus nivalis</i>	Snow Drop	Bulb	Grade 5/6	80	15
<i>Fritillaria meleagris</i>	Snake's Head Fritillary	Bulb	Grade 5/6	25	15

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

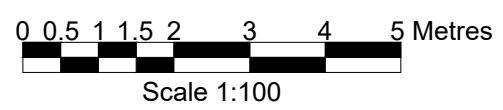
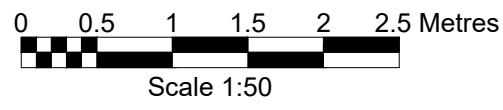
IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

- CONSTRUCTION
 - FALL FROM HEIGHT ADJACENT TO SPILLWAY WALLS, SUBJECT TO PHASING OF FALL PREVENTION BARRIER
- WORKING IN PROXIMITY TO FLOWING WATER
 - MAINTENANCE/CLEANING/OPERATION
 - FALL FROM HEIGHT ADJACENT TO SPILLWAY WALLS, SUBJECT TO PHASING OF FALL PREVENTION BARRIER
 - WORKING IN PROXIMITY TO FLOWING WATER
 - MAINTENANCE OF SEEDING ON STEEP SLOPES
 - DECOMMISSIONING/DEMOLITION
- NOT APPLICABLE TO SOFT LANDSCAPE WORKS

REFER TO THE DESIGNER'S HAZARD RISK REGISTER FOR FURTHER DETAILS
IT IS ASSUMED THAT ALL THE WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WHO HAS CARRIED OUT A COMPREHENSIVE RISK ASSESSMENT.

Notes:

- This drawing is to be read in conjunction with all relevant drawings and specifications, including but not limited to:
 - Detailed Hard Landscape Plans (P11742-ARP-YL-001-001-DR-AL-1910 to 1911)
 - Detailed Soft Landscape Plans and Schedule (P11742-ARP-YL-001-001-DR-AL-1912 to 1914)
 - Detailed Playground Plan (P11742-ARP-YL-001-001-DR-AL-1915)
 - Landscape Setting Out Drawings (P11742-ARP-YL-001-001-DR-AL-1916 to 1917)
 - Landscape Details (P11742-ARP-YL-001-001-DR-AL-1920 to 1930)
 - Landscape Specification: Q references in annotations correlate with relevant clauses within this specification (P11742-ARP-YL-001-001-SP-AL-0243)
 - Relevant Civil, Structural and Geotechnical drawings and specifications
- Refer to Arboricultural Implications Assessment for details regarding existing trees on site. Document reference '17271PH'
- For services information refer to utilities plans (P11742-ARP-YL-001-001-DR-C-0105)
- Where written dimensions are provided, these take precedence over any dimensions scaled from the drawings.
- All dimensions and levels are to be confirmed on site by the contractor.
- All ground adjacent to the proposed works that is disturbed is to be made good.
- The contractor to ensure co-ordination of designs from all disciplines and sub-contractors prior to commencement of works.
- Any discrepancies and/or ambiguities between information on this drawing and information provided elsewhere should be reported immediately before proceeding.
- This drawing is based on topographical survey information produced by Survey Operations Ltd received 21.10.2020.
- All works in the Root Protection Area of existing trees to be undertaken with appropriate working methods and protection in accordance with BS 5837 and the Arboricultural Method Statement.
- Finished levels to be as per finished levels drawing (P11742-ARP-YL-001-001-DR-C-1600)
- This drawing is intended to be viewed in colour



Updated notes for HPC acceptance				
C02	10/10/22	LC	GD	ZT
Updated in response to CRT comments				
C01	09/04/22	SS	GD	ZT
Issued for Stage 4				
P1	09/04/22	SS	GD	ZT
Issue	Date	By	Chd	Appt

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Client



Job Title

Toddbrook Reservoir

Drawing Title
Memorial Park
Detailed Soft Landscape Plan
Sheet 3 of 3

Scale at A0

As shown

Discipline Landscape - Design

Job No

277087-00

P11742-ARP-YL-001-001-DR-AL-1914

Drawing No

As shown

Discipline Landscape - Design

Job No

277087-00

P11742-ARP-YL-001-001-DR-AL-1914

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277087-00

P11742-ARP-YL-001-001-DR-AL-1914

Drawing No

As shown

Discipline Landscape - Design