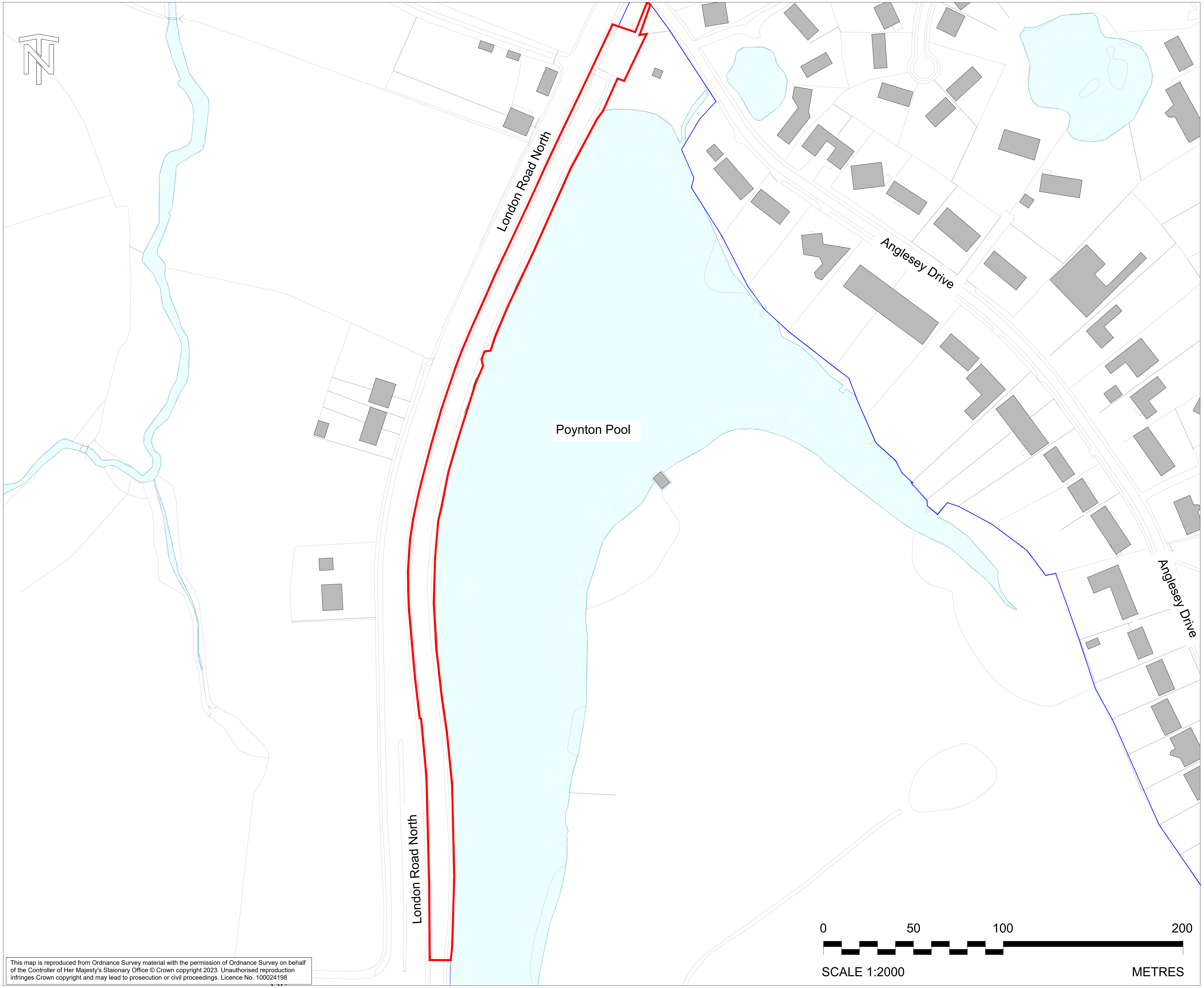
23/4152M

THE DAM EMBANKMENT OF POYNTON POOL RESERVOIR, POYNTON PARK, LONDON ROAD NORTH (B5092), POYNTON



Notes:

1. All dimensions are in millimetres unless noted otherwise.
2. All chainages are in metres unless noted otherwise.
3. All levels are in metres above Ordnance Datum unless noted otherwise.
4. Do not scale from this drawing.
5. Red line boundary area = 7682m²

Key

Red line boundary

Poynton Park - In the Ownership of Cheshire East Council

Rev	Rev. Date	Purpose of revision	Orig	Check'd	Rev'd	Apprv'd
P02	2023-03-27	For Planning	BW	CG	AB	BM
P01	2022-10-10	For Pre-Application	GDM	CG	AB	BM

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www.jacobs.com

Client

Cheshire East Council

Project

POYNTON POOL RESERVOIR
FLOOD RESILIENCE IMPROVEMENT SCHEME

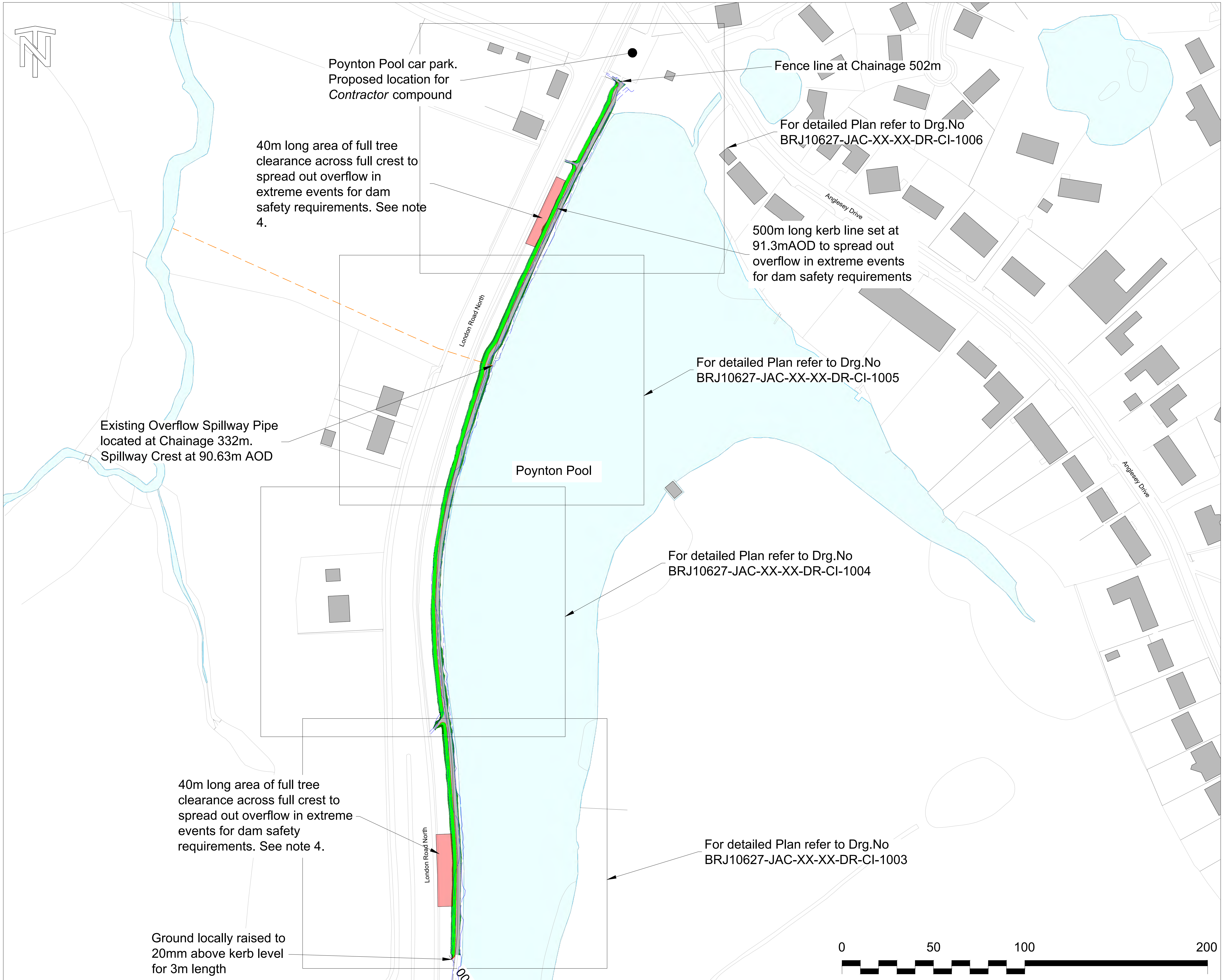
Drawing title

SITE LOCATION PLAN

Drawing status	SUITABLE FOR INFORMATION	Suitability S2
Scale	1:2000 @ A3	DO NOT SCALE
Jacobs No.	BRJ10627	Rev P02
Client No.		

Drawing number

BRJ10627-JAC-XX-XX-DR-CI-1001



Notes:

1. All dimensions are in millimetres unless noted otherwise.
2. All levels are in metres above Ordnance Datum unless noted otherwise.
3. Do not scale from this drawing.
4. For drawings showing the required tree and vegetation removal see drawings BRJ10627-JAC-XX-XX-DR-EN-0009 and BRJ10627-JAC-XX-XX-DR-EN-00010.
5. For plan showing full extents of services see drawing BRJ10627-JAC-XX-XX-DR-CI-1012.

Key

- Proposed side slope (1 in 4 steepest)
- Proposed (approximately 2m wide) compacted gravel footpath
- Proposed Kerb
- Proposed grass verge
- Area of tree clearance across full crest
- Existing Spillway Overflow Pipe
- Existing Public Footpath

Rev	Rev. Date	Purpose of revision	Orig	Check'd	Rev'd	Apprv'd
P02	2023-03-27	For Planning	BW	CG	AB	BM
P01	2022-10-10	For Pre-Application	GDM	CG	AB	BM

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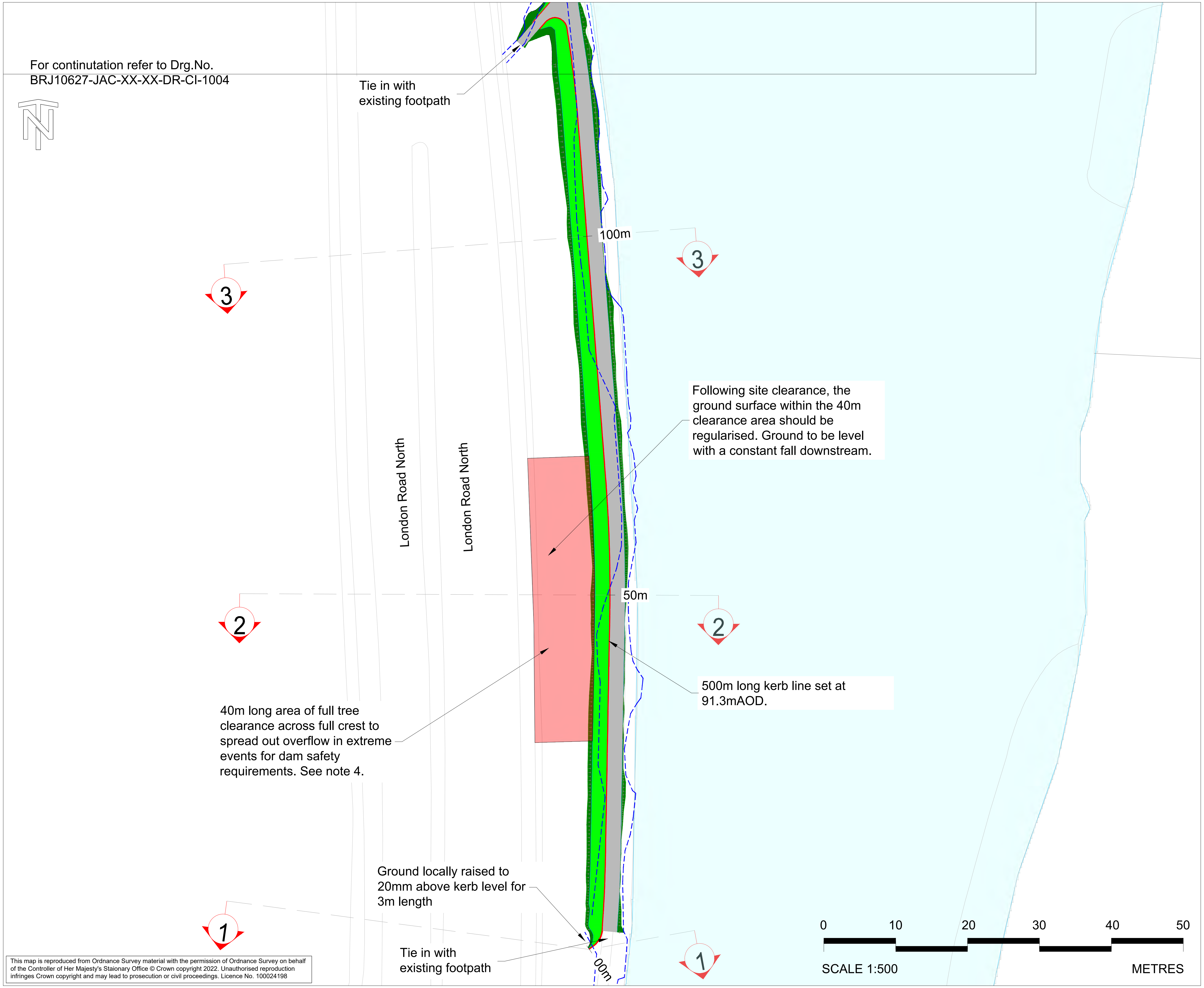
Client
Cheshire East Council

Project
POYNTON POOL RESERVOIR
FLOOD RESILIENCE IMPROVEMENT SCHEME

Drawing title
GENERAL ARRANGEMENT
KEY PLAN

Drawing status	SUITABLE FOR INFORMATION	Suitability S2
Scale	1:2000 & 1:5000 @ A3	DO NOT SCALE
Jacobs No.	BRJ10627	Rev P02
Client No.		

Drawing number
BRJ10627-JAC-XX-XX-DR-CI-1002



Notes:

1. All dimensions are in millimetres unless noted otherwise.
2. All levels are in metres above Ordnance Datum unless noted otherwise.
3. Do not scale from this drawing.
4. For drawings showing the required tree and vegetation removal see drawings BRJ10627-JAC-XX-XX-DR-EN-0009 and BRJ10627-JAC-XX-XX-DR-EN-00010.
5. For corresponding cross sections see drawing BRJ10627-JAC-XX-XX-DR-CI-1007
6. For plan showing full extents of services see drawing BRJ10627-JAC-XX-XX-DR-CI-1012.

Key

- Proposed side slope (1 in 4 steepest)
- Proposed (approximately 2m wide) compacted gravel footpath
- Proposed Kerb
- Proposed grass verge
- Area of tree clearance across full crest
- Centreline Chainage (50m)
- Existing Public Footpath

Rev	Rev. Date	Purpose of revision	Orig	Check'd	Rev'd	Apprv'd
P02	2023-03-27	For Planning	BW	CG	AB	BM
P01	2022-10-10	For Pre-Application	GDM	CG	AB	BM

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Client
Cheshire East Council

Project
POYNTON POOL RESERVOIR
FLOOD RESILIENCE IMPROVEMENT SCHEME

Drawing title
GENERAL ARRANGEMENT PLAN
SHEET 1 OF 4

Drawing status	SUITABLE FOR INFORMATION		Suitability S2
Scale	1:500 @ A3	DO NOT SCALE	
Jacobs No.	BRJ10627		Rev P02
Client No.			

Drawing number
BRJ10627-JAC-XX-XX-DR-CI-1003

Notes:

1. All dimensions are in millimetres unless noted otherwise.
2. All levels are in metres above Ordnance Datum unless noted otherwise.
3. Do not scale from this drawing.
4. For drawings showing the required tree and vegetation removal see drawings BRJ10627-JAC-XX-XX-DR-EN-0009 and BRJ10627-JAC-XX-XX-DR-EN-00010.
5. For corresponding cross sections see drawings BRJ10627-JAC-XX-XX-DR-CI-1007 & 1008.
6. For plan showing full extents of services see drawing BRJ10627-JAC-XX-XX-DR-CI-1012.

Key

- Proposed side slope (1 in 4 steepest)
- Proposed (approximately 2m wide) compacted gravel footpath
- Proposed Kerb
- Proposed grass verge
- Area of tree clearance across full crest
- Centreline Chainage (50m)
- Existing Public Footpath

Rev	Rev. Date	Purpose of revision	Orig	Check'd	Rev'd	Apprv'd
P02	2023-03-27	For Planning	BW	CG	AB	BM
P01	2022-10-10	For Pre-Application	GDM	CG	AB	BM

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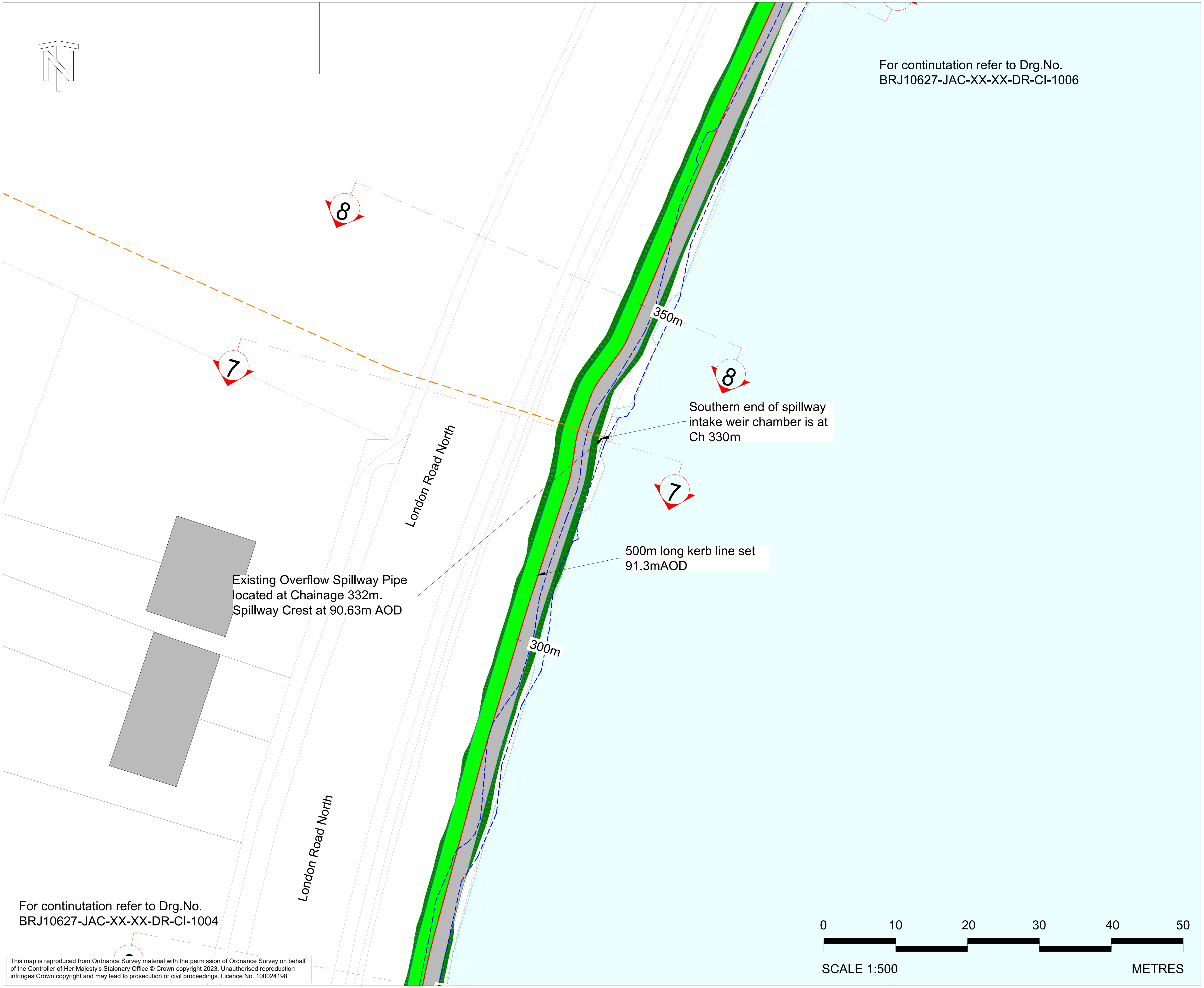
Client
Cheshire East Council

Project
POYNTON POOL RESERVOIR
FLOOD RESILIENCE IMPROVEMENT SCHEME

Drawing title
GENERAL ARRANGEMENT PLAN
SHEET 2 OF 4

Drawing status: SUITABLE FOR INFORMATION
Suitability: S2
Scale: 1:500 @ A3 — DO NOT SCALE
Jacobs No.: BRJ10627
Client No.:
Rev: P02

Drawing number
BRJ10627-JAC-XX-XX-DR-CI-1004



Notes:

1. All dimensions are in millimetres unless noted otherwise.
2. All levels are in metres above Ordnance Datum unless noted otherwise.
3. Do not scale from this drawing.
4. For drawings showing the required tree and vegetation removal see drawings BRJ10627-JAC-XX-XX-DR-EN-0009 and BRJ10627-JAC-XX-XX-DR-EN-00010.
5. For corresponding sections see drawing BRJ10627-JAC-XX-XX-DR-CI-1008.
6. For plan showing full extents of services see drawing BRJ10627-JAC-XX-XX-DR-CI-1012.

Key

Proposed side slope (1 in 4 steepest)

Proposed (approximately 2m wide) compacted gravel footpath

Proposed Kerb

Proposed grass verge

Area of tree clearance across full crest

Centreline Chainage

50m

Existing Spillway Overflow Pipe

Existing Public Footpath

Rev	Rev. Date	Purpose of revision	Orig	Check'd	Rev'd	Apprv'd
P02	2023-03-27	For Planning	BW	CG	AB	BM
P01	2022-10-10	For Pre-Application	GDM	CG	AB	BM

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Project

POYNTON POOL RESERVOIR
FLOOD RESILIENCE IMPROVEMENT SCHEME

Drawing title

GENERAL ARRANGEMENT PLAN
SHEET 3 OF 4

Drawing status: SUITABLE FOR INFORMATION

Suitability: S2

Scale: 1:500 @ A3 — DO NOT SCALE

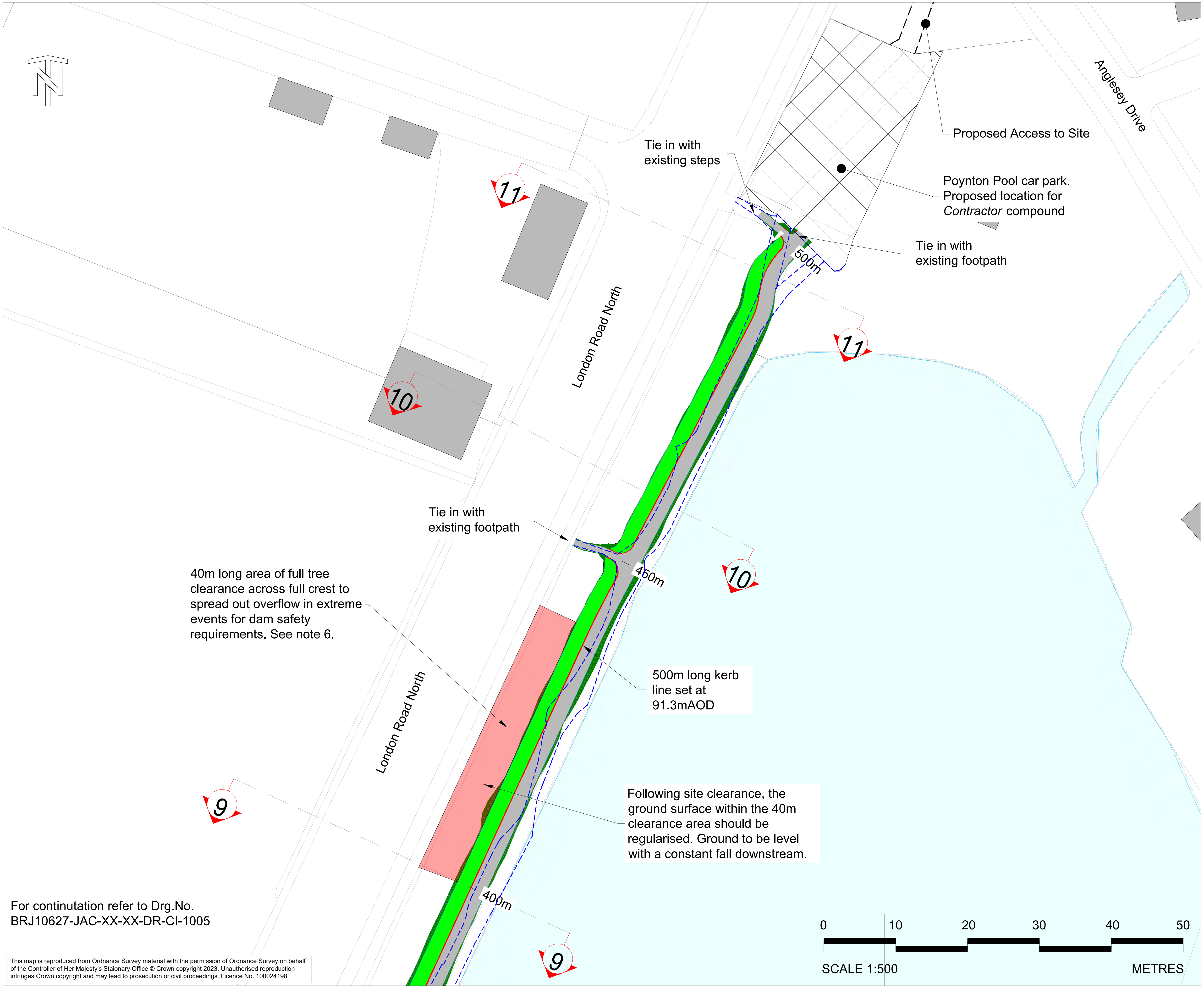
Jacobs No.: BRJ10627

Client No.:

Rev: P02

Drawing number

BRJ10627-JAC-XX-XX-DR-CI-1005



For continutation refer to Drg.No. BRJ10627-JAC-XX-XX-DR-CI-1005

Notes:

1. All dimensions are in millimetres unless noted otherwise.
2. All levels are in metres above Ordnance Datum unless noted otherwise.
3. Do not scale from this drawing.
4. For drawings showing the required tree and vegetation removal see drawings BRJ10627-JAC-XX-XX-DR-EN-0009 and BRJ10627-JAC-XX-XX-DR-EN-00010.
5. For corresponding cross sections see drawing BRJ10627-JAC-XX-XX-DR-CI-1009
6. For plan showing full extents of services see drawing BRJ10627-JAC-XX-XX-DR-CI-1012.

Key

- Proposed side slope (1 in 4 steepest)
- Proposed (approximately 2m wide) compacted gravel footpath
- Proposed Kerb
- Proposed grass verge
- Area of tree clearance across full crest
- Proposed Site Compound
- Centreline Chainage (50m)
- Existing Public Footpath

Rev	Rev. Date	Purpose of revision	Orig	Check'd	Rev'd	Apprv'd
P02	2023-03-27	For Planning	BW	CG	AB	BM
P01	2022-10-10	For Pre-Application	GDM	CG	AB	BM

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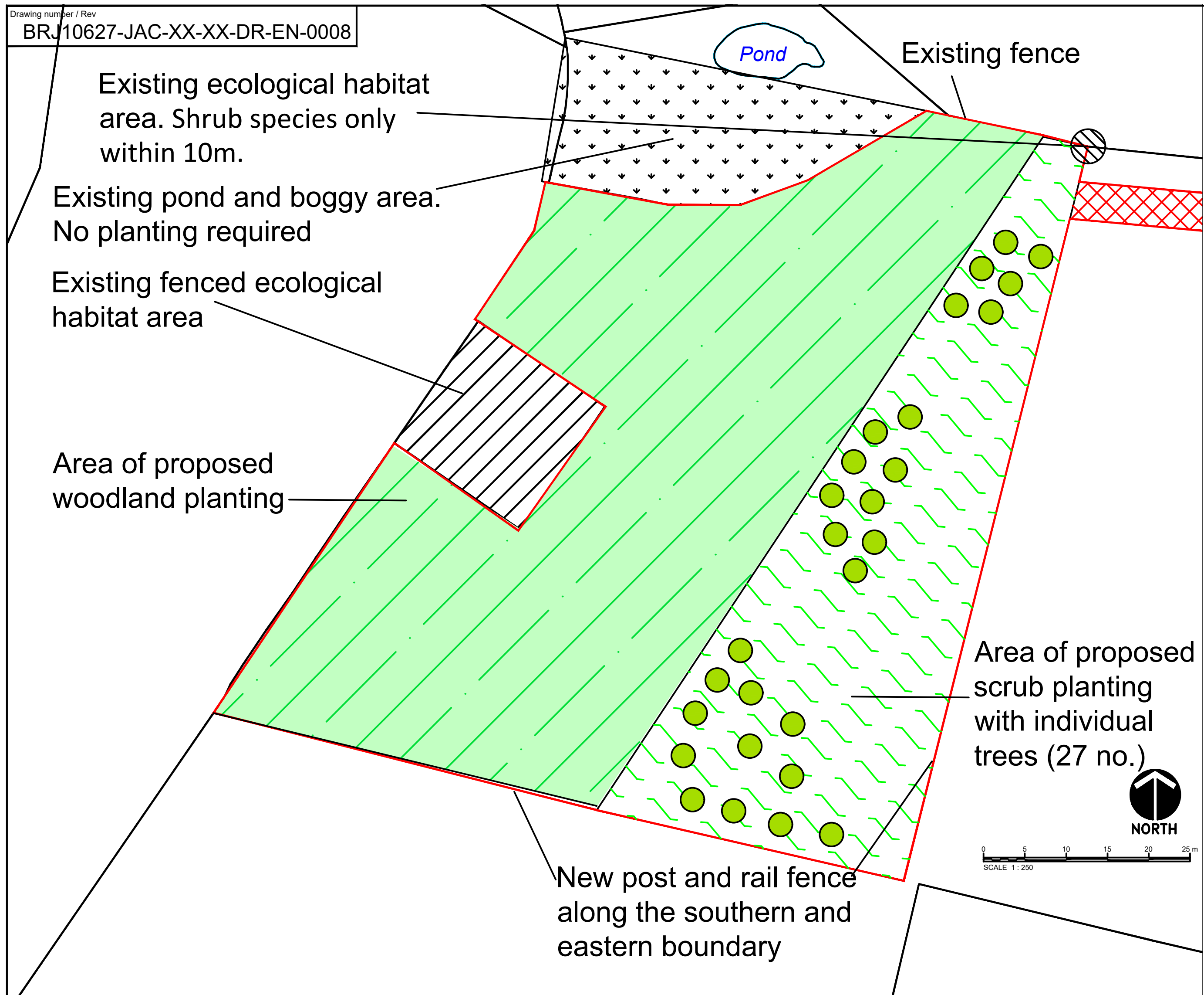
Client
Cheshire East Council

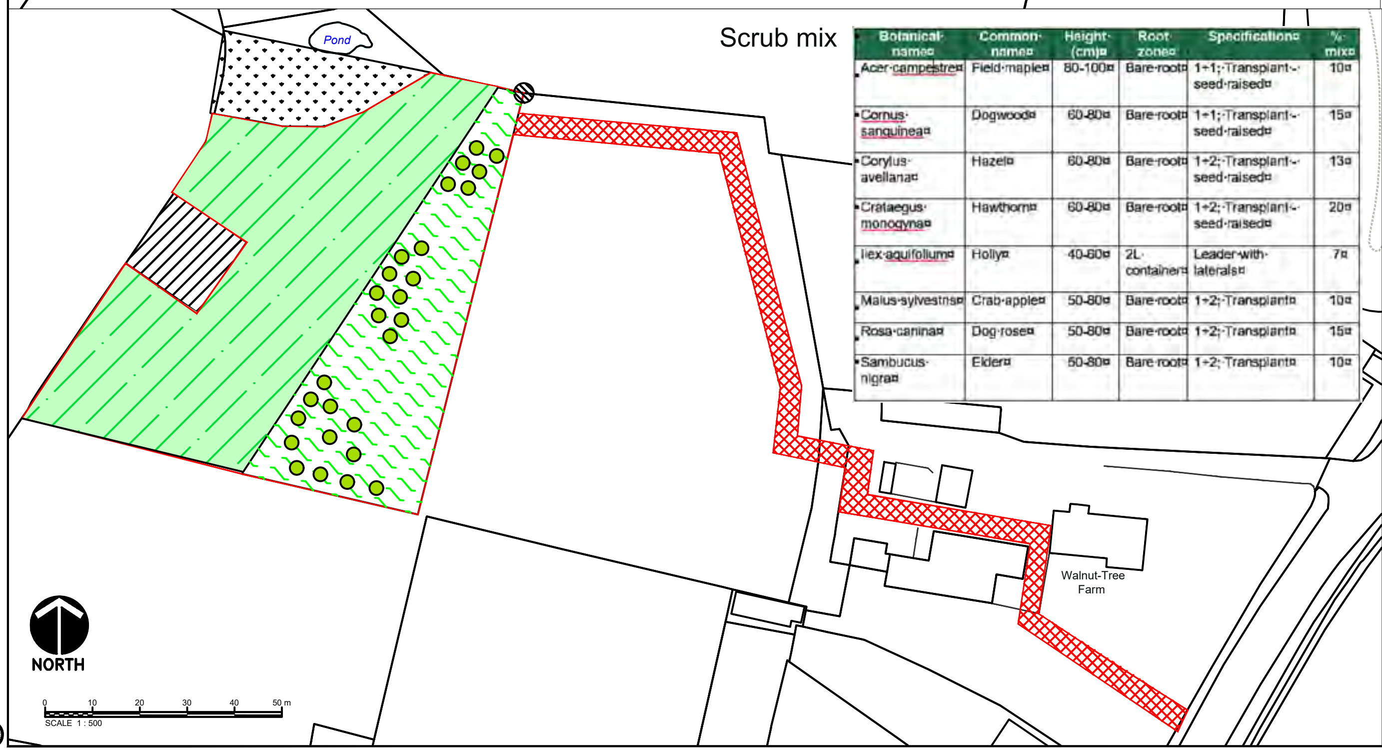
Project
POYNTON POOL RESERVOIR
FLOOD RESILIENCE IMPROVEMENT SCHEME

Drawing title
GENERAL ARRANGEMENT PLAN
SHEET 4 OF 4

Drawing status: SUITABLE FOR INFORMATION
Suitability: S2
Scale: 1:500 @ A3 — DO NOT SCALE
Jacobs No.: BRJ10627
Client No.:
Rev: P02
Drawing number: BRJ10627-JAC-XX-XX-DR-CI-1006

Drawing number / Rev
BRJ10627-JAC-XX-XX-DR-EN-0008





Scrub mix

Botanical name	Common name	Height (cm)	Root zone	Specification	% mix
Acer campestre	Field maple	80-100	Bare root	1+1; Transplant - seed raised	10
Cornus sanguinea	Dogwood	60-80	Bare root	1+1; Transplant - seed raised	15
Corylus avellana	Hazel	60-80	Bare root	1+2; Transplant - seed raised	13
Crataegus monogyna	Hawthorn	60-80	Bare root	1+2; Transplant - seed raised	20
Ilex aquifolium	Holly	40-60	2L container	Leader with laterals	7
Malus sylvestris	Crab apple	50-80	Bare root	1+2; Transplant	10
Rosa canina	Dog rose	50-80	Bare root	1+2; Transplant	15
Sambucus nigra	Elder	50-80	Bare root	1+2; Transplant	10

Landscape specification

A full Series 3000 Specification has been developed for Walnut Tree Farm, document reference BRJ10627-JAC-XX-XX-RP-EN-0010. The specification shall be used in the implementation of the woodland creation at Walnut Tree Farm.

Refer to the Landscape Management Plan for Walnut Tree Farm, Document reference BRJ10627-JAC-XX-XX-RP-EN-0007, for future establishment and management requirements. u

Specification overview - The below information provides an overview of requirements for a fully established woodland.

Cultivation and soil preparation

Woodland and scrub species shall be planted directly into the existing grass sward. Existing pasture to be cut to allow ease of planting of bare root stock.

Planting

Plants shall be planted at 1.5m centers. Equivalent to 0.44 plants per m2.

To help prevent rabbit damage, all new trees and shrubs shall be protected with tree and shrub guards or tubes.

Tree species to be offset planted 7.5m within the boundary fencing.

Planting shall be programmed to be undertaken in the correct planting season when ground and climatic conditions are favourable to achieve prolonged healthy establishment and continued growth.

Maintenance

Plants are to be maintained for the 1 year defects liability period.

Weed and grass control in plant plots shall be carried out to remove all competing weeds and manage grass growth to achieve successful establishment of tree and shrub species.

Establishment watering will be required at the time of planting and during dry periods to ensure plants thrive.

Prior to the end of the defects liability period an inspection is to be undertaken with the client to identify failed plants. Failed plants shall be replaced to the original specification.

Woodland species mix

Botanical name	Common name	Height (cm)	Root zone	Specification	% mix
Alnus glutinosa	Alder	80-100	Bare root	1+1; Transplant - seed raised	5
Betula pendula	Silver Birch	175-200	Bare root	Feathered; 2x; 5 breaks	5
Betula pendula	Silver Birch	60-80	Bare root	1+1; Transplant - seed raised	10
Corylus avellana	Hazel	60-80	Bare root	1+2; Transplant - seed raised	13
Crataegus monogyna	Hawthorn	60-80	Bare root	1+2; Transplant - seed raised	15
Ilex aquifolium	Holly	40-60	2L container	Leader with laterals	7
Prunus avium	Sweet Cherry	80-100	Bare root	1+1; Transplant – seed raised	5
Prunus avium	Sweet Cherry	1725-200	Bare root	Feathered; 2x; 5 breaks	5
Prunus spinosa	Blackthorn	60-80	Bare root	1+2; Transplant – seed raised;	10
Quercus robur	English Oak	80-100	Bare root	1+1; Transplant	10
Sorbus aucuparia	Wych elm	175-200	Bare root	Feathered; 2x; 5 breaks	5
Sorbus torminalis	Wild Service Tree	50-80	Bare root	1+2; Transplant	5
Viburnum opulus	Guelder Rose	50-80	Bare root	1+2; Transplant	5

LEGEND

- Planning application boundary
- Vehicular Access Route to Implement Planting Scheme
- Existing pond and marsh area
- Proposed area of woodland 0.35 hectares
- Existing fenced ecological habitat area
- Existing unfenced ecological habitat area
- Location of individual feathered trees. Planted in groups of threes

DRAWING NOTES

1. All dimensions are in metres unless noted otherwise.
2. Drawing to be printed in colour
3. All dimensions shall be checked on site by the contractor prior to preparing any working drawings or commencing on site.
4. All levels are in metres relative to Ordnance Datum (mAOD) unless noted otherwise.

Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
P03	28.09.23	For Planning	BW	NF	AS	AB
P02	14.06.23	For Planning	BW	NF	AS	BM
P01	26.05.23	For Planning	NF	DB	SB	BM

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Client
Cheshire East Council

Project
Poynton Pool Reservoir Flood Resilience Improvement Scheme
Mill Street Improvements

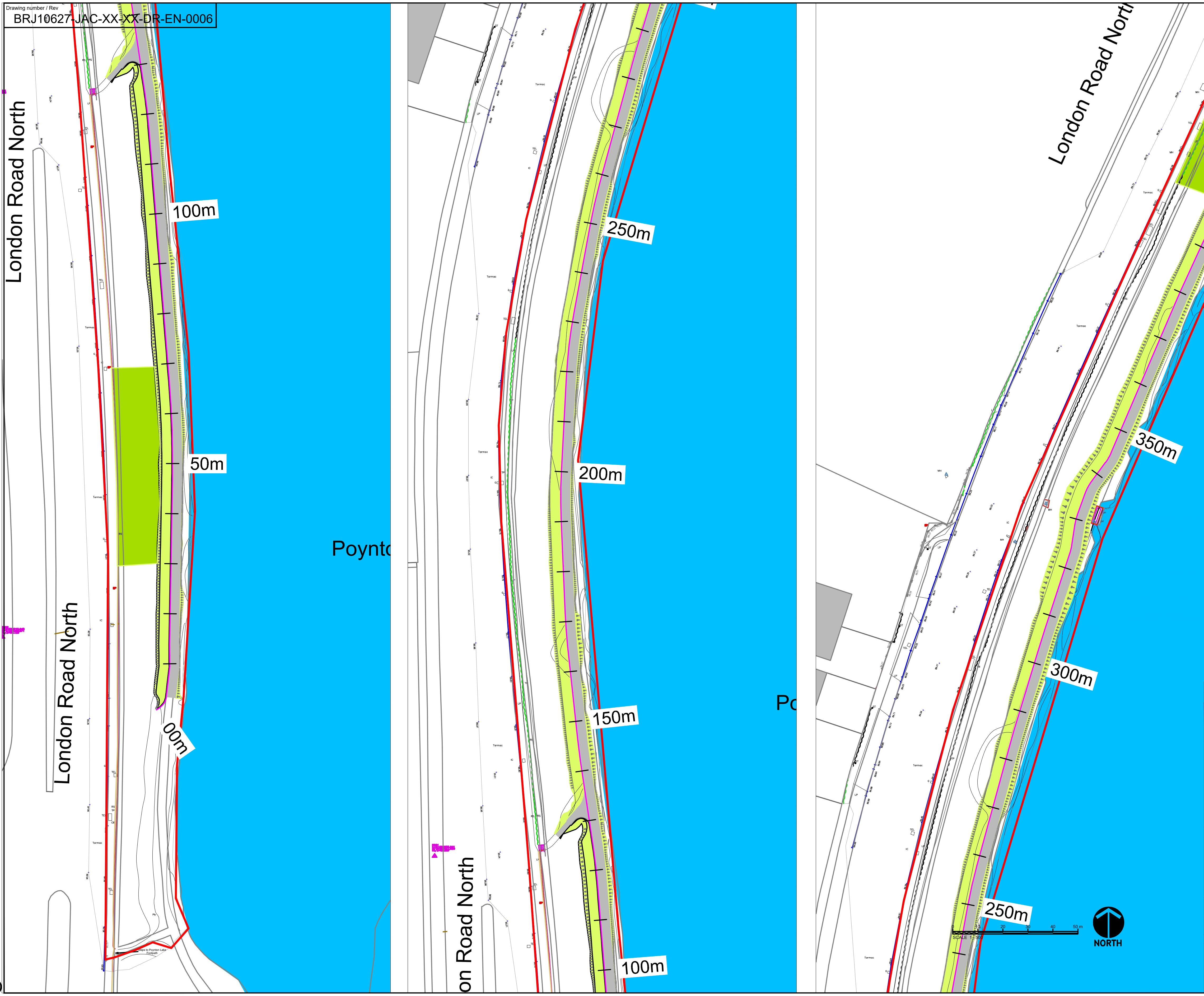
Drawing title
Landscape Plan
Walnut Tree Farm

Drawing status
For Planning

Scale	VARIES	DO NOT SCALE
Jacobs No.	BRJ10627	
Client no.		

Drawing number
BRJ10627-JAC-XX-XX-DR-EN-0008
Rev
P03

Drawing number / Rev
BRJ10627-JAC-XX-XX-DR-EN-0006



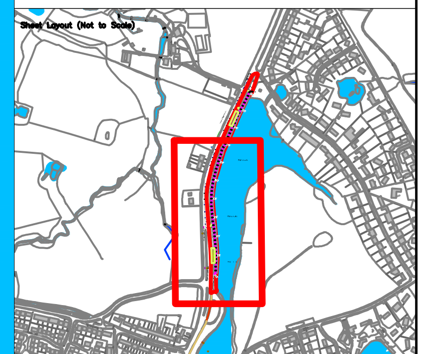
LEGEND

- Planning application boundary
- Seeded areas - Emorsgate Seeds Woodland Mixture EW1
- Seeded areas - Emorsgate Seeds Tussock Grass Mixture EG10
- Proposed new footpath surface
- Proposed raised kerb

DRAWING NOTES

1. All dimensions are in metres unless noted otherwise.
2. Drawing to be printed in colour
3. All dimensions shall be checked on site by the contractor prior to preparing any working drawings or commencing on site.
4. All levels are in metres relative to Ordnance Datum (mAOD) unless noted otherwise.

Sheet Layout (Not to Scale)



Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
P01	26.05.23	For Planning	NF	DB	SB	BM

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Client

Cheshire East Council

Project

Poynton Pool Reservoir Flood Resilience Improvement Scheme

Drawing title

Landscape Plans
Sheet 1 of 2
Poynton Pool

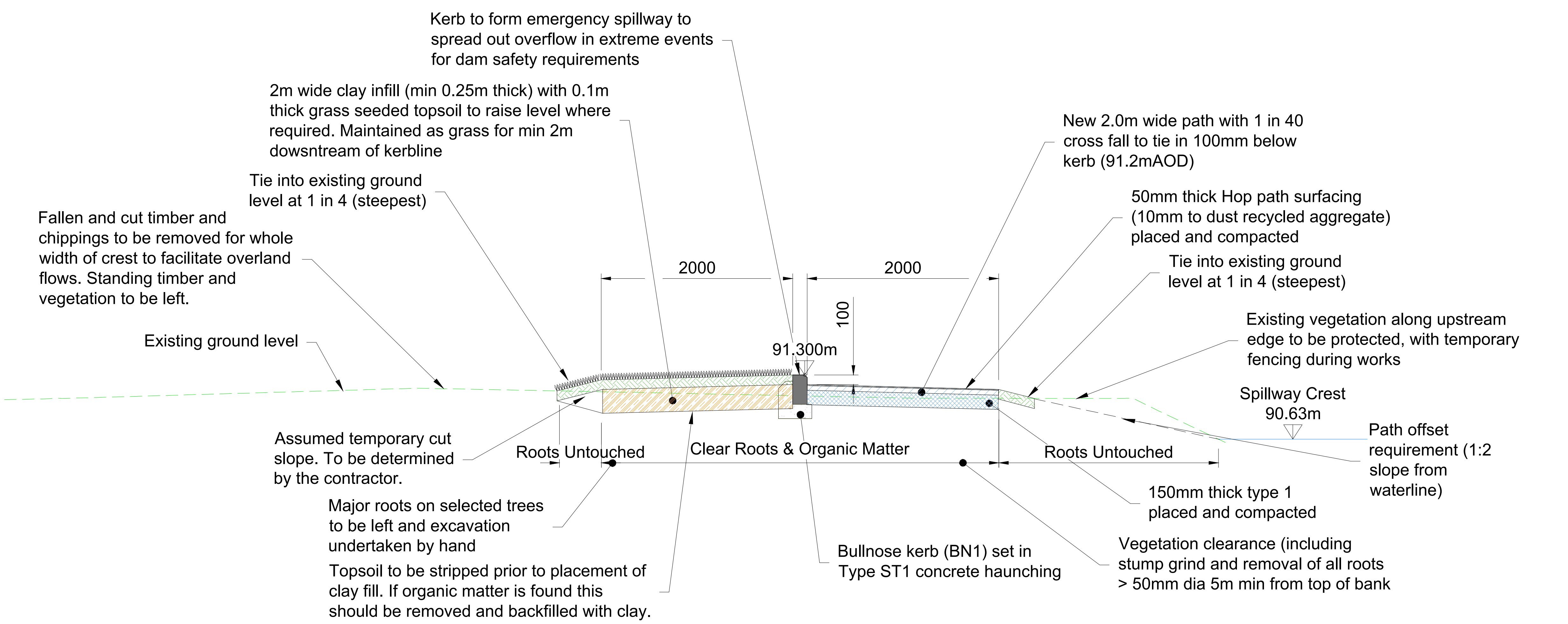
Drawing status

For Planning

Scale	1:250 @ A3	DO NOT SCALE
Jacobs No.	BRJ10627	
Client no.		

Drawing number: BRJ10627 JAC-XX-XX-DR-EN-0006 | Rev: P01

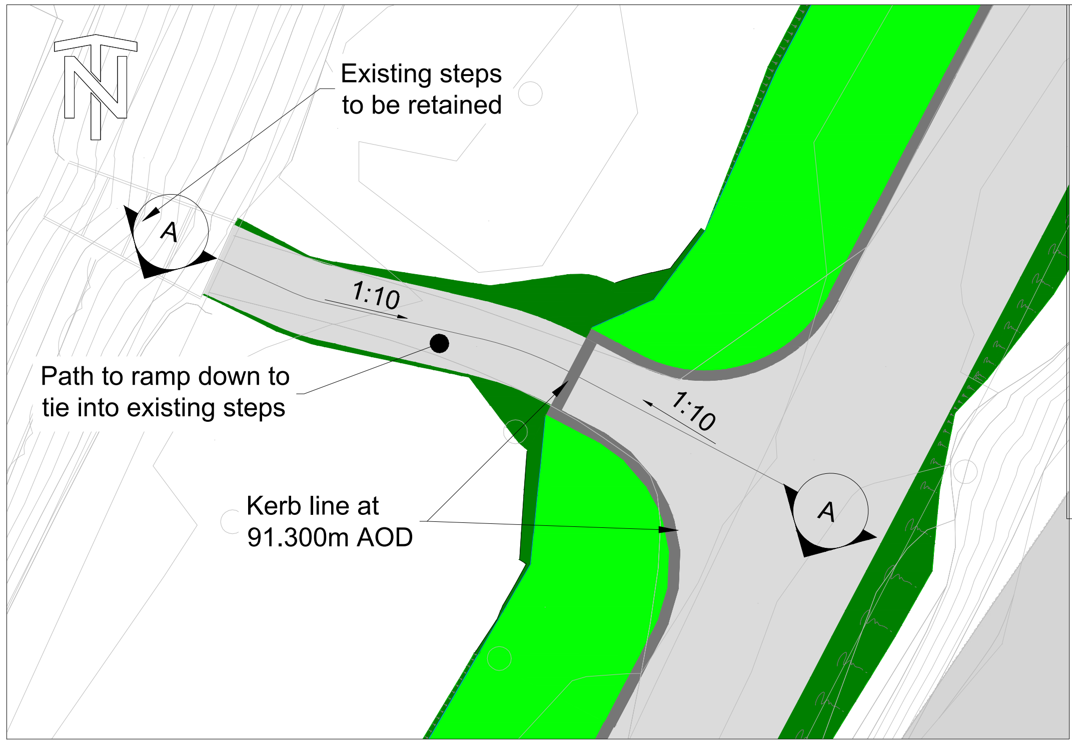
P:\Rivers Active\Projects\BRJ10627 PoyntonFloodStudy\04 Technical\04 DWGs\BRJ10627-JAC-XX-XX-DR-EN-000X Landscape PP.dwg - 26/05/2023 08:05:18 - JAC-XX-XX-DR-EN-000X1 - FrostN



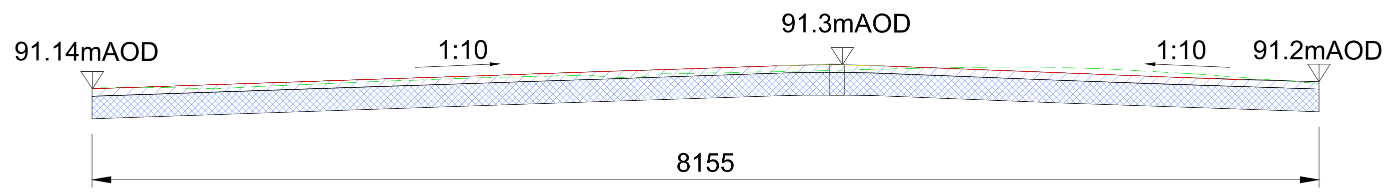
TYPICAL EMBANKMENT CREST CROSS SECTION

0 1 2 3 4 5

SCALE 1:50 METRES



EXAMPLE OF FOOTWAY ACCESS TIE IN DETAILS TO LONDON ROAD



SECTION A-A - PROPOSED PATHWAY PROFILE AND KERB LINE

0 5 10

SCALE 1:100 METRES

Notes:

1. All dimensions are in millimetres unless noted otherwise.
2. All chainages are in metres unless noted otherwise.
3. All levels are in metres above Ordnance Datum unless noted otherwise.
4. Do not scale from this drawing.
5. For location of cross sections refer to plan drawings: BRJ10627-JAC-XX-XX-DR-CI-1004 to 1006.
6. Exact path alignment to be fixed at detailed design to broadly follow existing path.
7. Following site clearance, the ground surface within the 40m clearance area should be regularised. Ground to be level with a constant fall downstream.

Key

- Proposed Path
- Proposed Kerb
- Proposed Clay infill
- Proposed Topsoil (seeded)
- Existing ground level
- Spillway Crest — Spillway Crest Level

Rev	Rev. Date	Purpose of revision	Orig	Check'd	Rev'd	Appr'v'd
P02	2023-03-27	For Planning	BW	CG	AB	BM
P01	2022-10-10	For Pre-Application	GDM	CG	AB	BM

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Client: Cheshire East Council

Project: POYNTON POOL RESERVOIR FLOOD RESILIENCE IMPROVEMENT SCHEME

Drawing title: TYPICAL EMBANKMENT CREST CROSS SECTION & FOOTWAY ACCESS TIE IN DETAILS

Drawing status: SUITABLE FOR INFORMATION — Suitability: S2

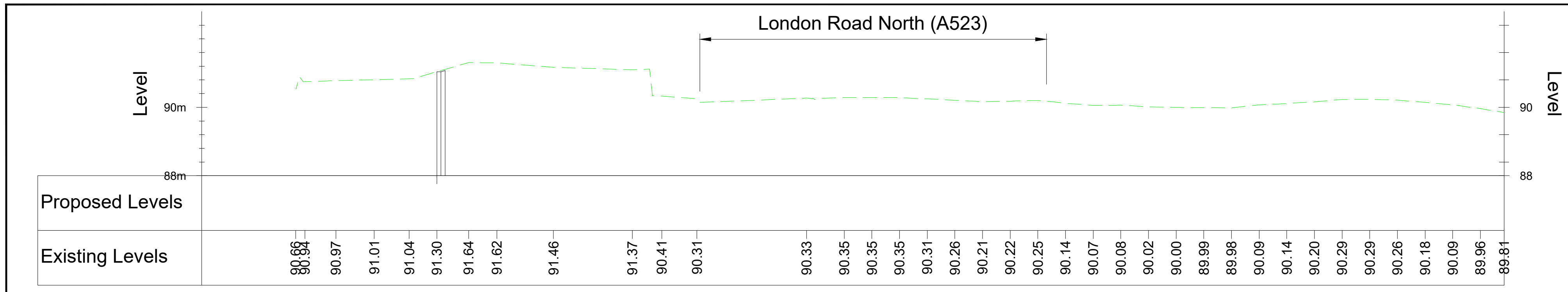
Scale: AS SHOWN — DO NOT SCALE

Jacobs No.: BRJ10627

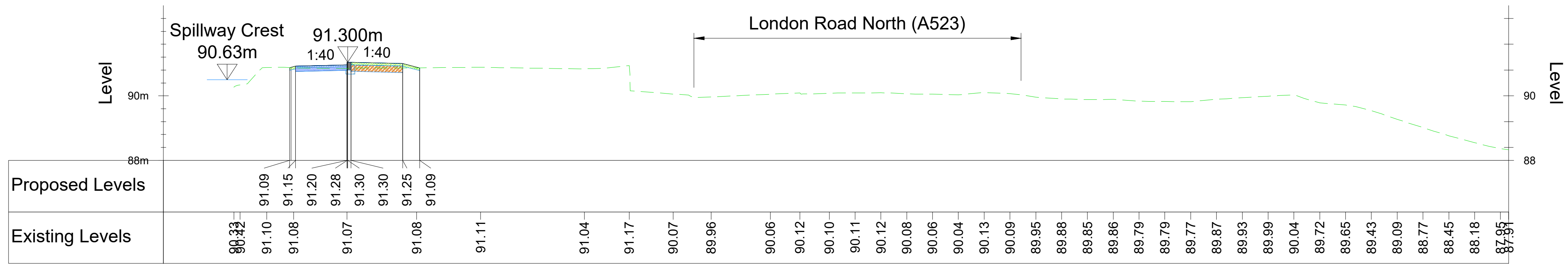
Client No.:

Rev: P02

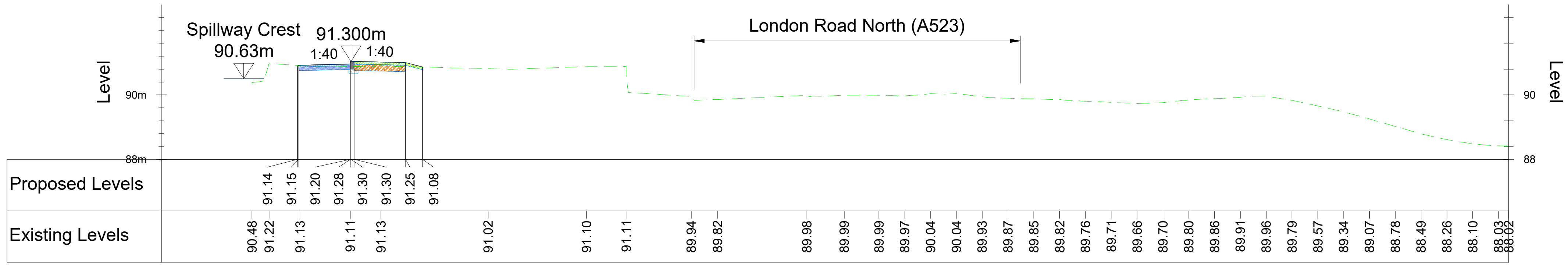
Drawing number: BRJ10627-JAC-XX-XX-DR-CI-1010



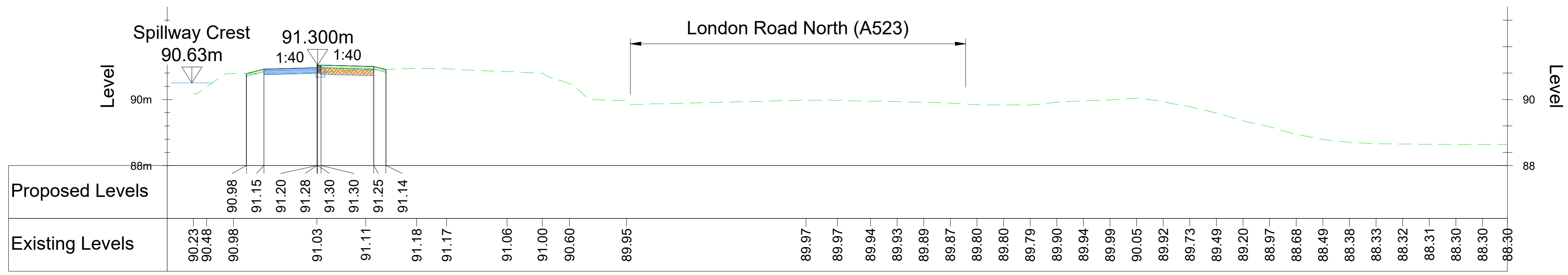
Chainage 0.000m
Section 1-1



Chainage 50.000m
Section 2-2



Chainage 100.000m
Section 3-3



Chainage 150.000m
Section 4-4

0 5 10 20

SCALE 1:200 METRES

Notes:

1. All dimensions are in millimetres unless noted otherwise.
2. All chainages are in metres unless noted otherwise.
3. All levels are in metres above Ordnance Datum unless noted otherwise.
4. Do not scale from this drawing.
5. For location of cross sections refer to plan drawings: BRJ10627-JAC-XX-XX-DR-CI-1004 to 1006.
6. For details of works to crest see Drg.No. BRJ10627-JAC-XX-XX-DR-CI-1010.

Key

- Proposed Path
- Proposed Kerb
- Proposed Clay infill
- Proposed Topsoil (seeded)
- Existing ground level
- Spillway Crest — Spillway Crest Level

Rev	Rev. Date	Purpose of revision	Orig	Check'd	Rev'd	Appr'd
P02	2023-03-27	For Planning	BW	CG	AB	BM
P01	2022-10-10	For Pre-Application	GDM	CG	AB	BM

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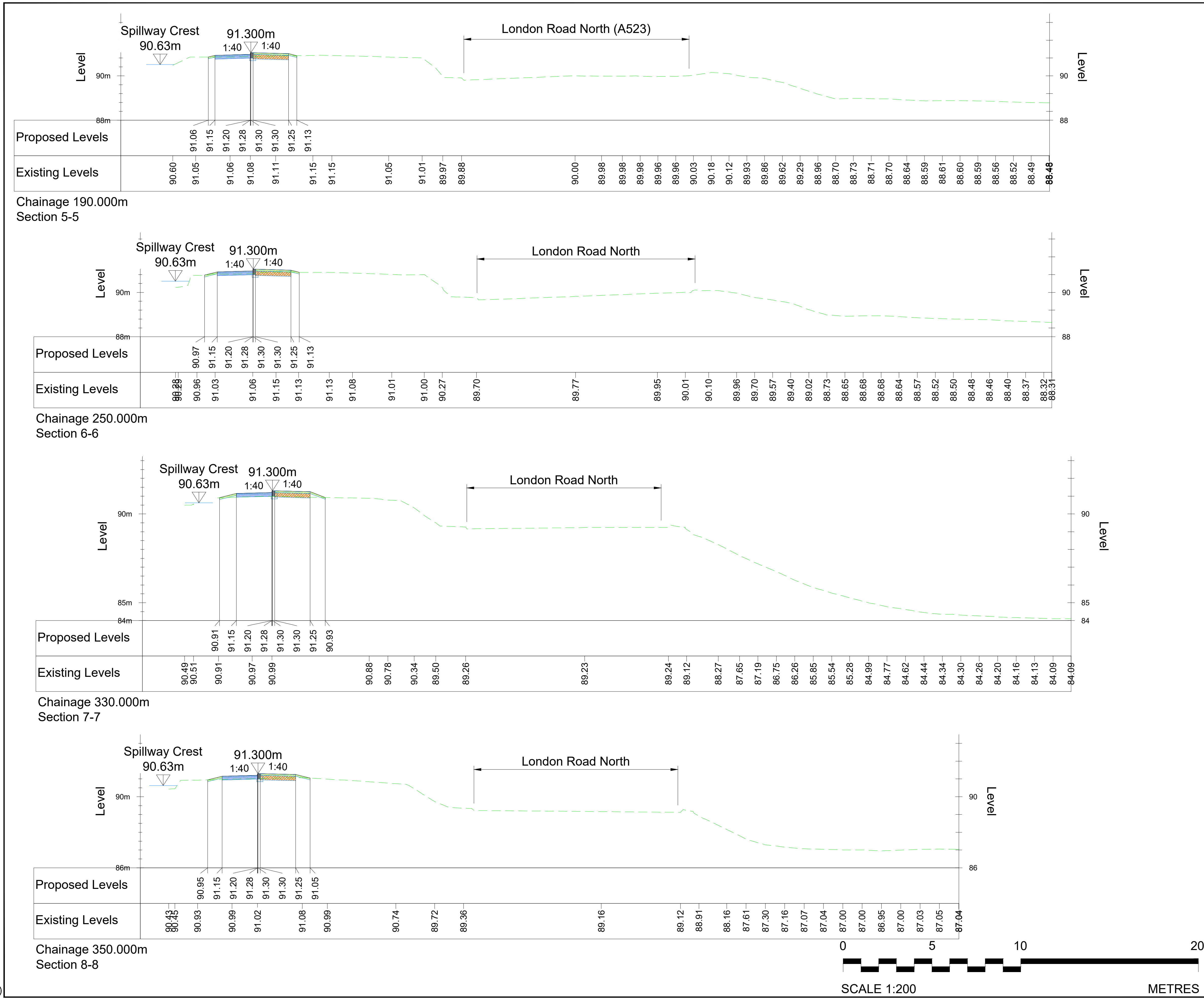
Client
Cheshire East Council

Project
POYNTON POOL RESERVOIR
FLOOD RESILIENCE IMPROVEMENT SCHEME

Drawing title
CROSS SECTIONS

SHEET 1 OF 3

Drawing status: SUITABLE FOR INFORMATION
Suitability: S2
Scale: 1:200 @ A3 — DO NOT SCALE
Jacobs No.: BRJ10627
Client No.:
Rev: P02
Drawing number: BRJ10627-JAC-XX-XX-DR-CI-1007



Notes:

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2. All chainages are in metres unless noted otherwise.
3. All levels are in metres above Ordnance Datum unless noted otherwise.
4. Do not scale from this drawing.
5. For location of cross sections refer to plan drawings: BRJ10627-JAC-XX-XX-DR-CI-1004 to 1006.
6. For details of works to crest see Drg.No. BRJ10627-JAC-XX-XX-DR-CI-1010.

Key

- Proposed Path
- Proposed Kerb
- Proposed Clay infill
- Proposed Topsoil (seeded)
- Existing ground level
- Spillway Crest — Spillway Crest Level

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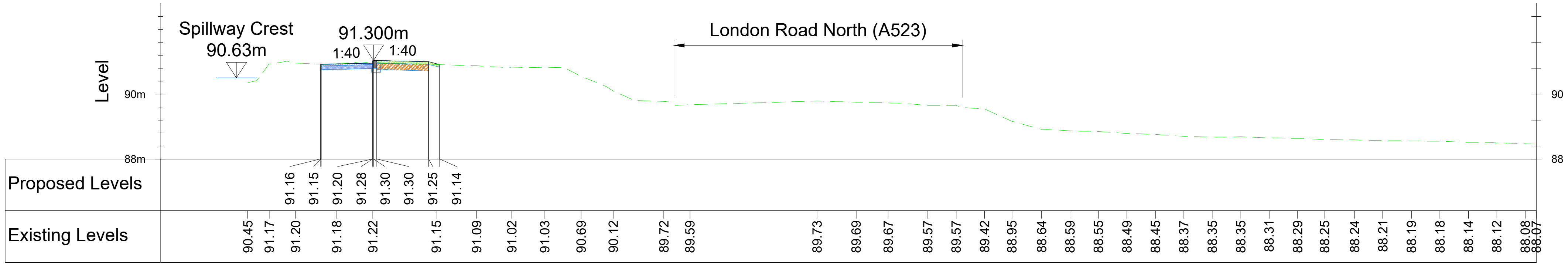
Client
Cheshire East Council

Project
POYNTON POOL RESERVOIR
FLOOD RESILIENCE IMPROVEMENT SCHEME

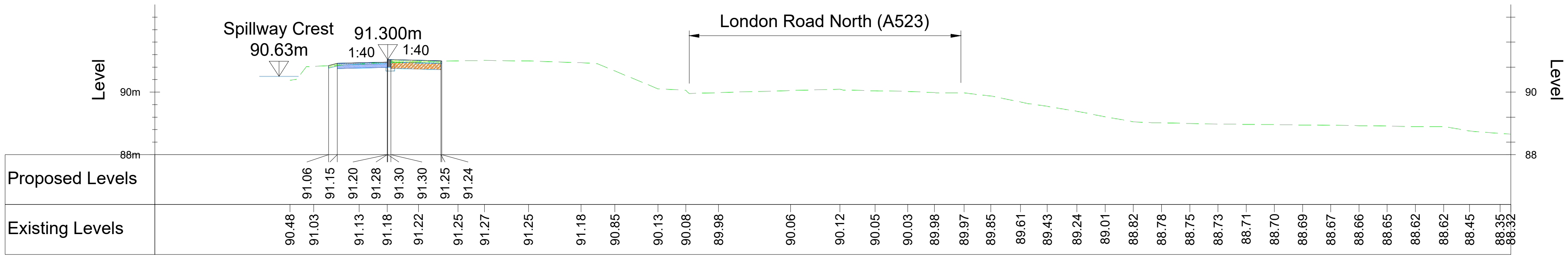
Drawing title
CROSS SECTIONS

SHEET 2 OF 3

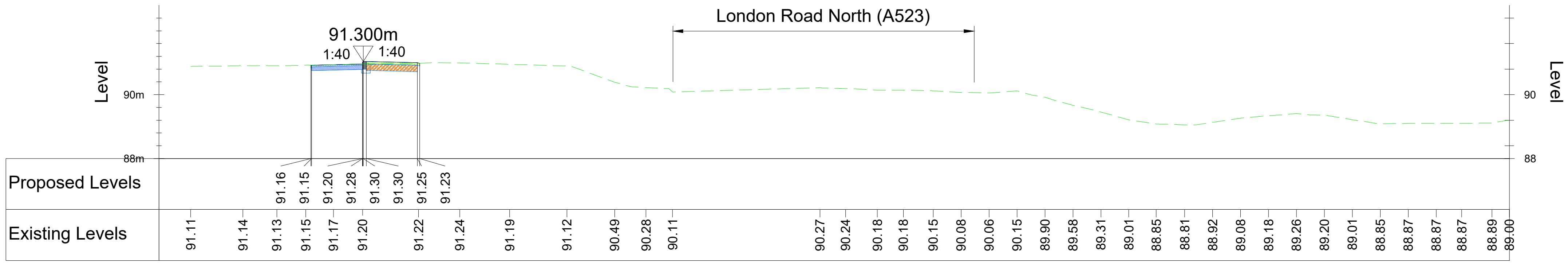
Drawing status: SUITABLE FOR INFORMATION
Suitability: S2
Scale: 1:200 @ A3 — DO NOT SCALE
Jacobs No.: BRJ10627
Client No.:
Rev: P02
Drawing number: BRJ10627-JAC-XX-XX-DR-CI-1008



Chainage 400.000m
Section 9-9



Chainage 460.000m
Section 10-10



Chainage 495.000m
Section 11-11

0 5 10 20

SCALE 1:200 METRES

Notes:

1. All dimensions are in millimetres unless noted otherwise.
2. All chainages are in metres unless noted otherwise.
3. All levels are in metres above Ordnance Datum unless noted otherwise.
4. Do not scale from this drawing.
5. For location of cross sections refer to plan drawings: BRJ10627-JAC-XX-XX-DR-CI-1004 to 1006.
6. For details of works to crest see Drg.No. BRJ10627-JAC-XX-XX-DR-CI-1010.

Key

- Proposed Path
- Proposed Kerb
- Proposed Clay infill
- Proposed Topsoil (seeded)
- Existing ground level
- Spillway Crest — Spillway Crest Level

Rev	Rev. Date	Purpose of revision	Orig	Check'd	Rev'd	Appr'd
P02	2023-03-27	For Planning	BW	CG	AB	BM
P01	2022-10-10	For Pre-Application	GDM	CG	AB	BM

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www.jacobs.com

Client
Cheshire East Council

Project
POYNTON POOL RESERVOIR
FLOOD RESILIENCE IMPROVEMENT SCHEME

Drawing title
CROSS SECTIONS

SHEET 3 OF 3

Drawing status: SUITABLE FOR INFORMATION
Suitability: S2
Scale: 1:200 @ A3 — DO NOT SCALE
Jacobs No.: BRJ10627
Client No.:
Rev: P02
Drawing number: BRJ10627-JAC-XX-XX-DR-CI-1009