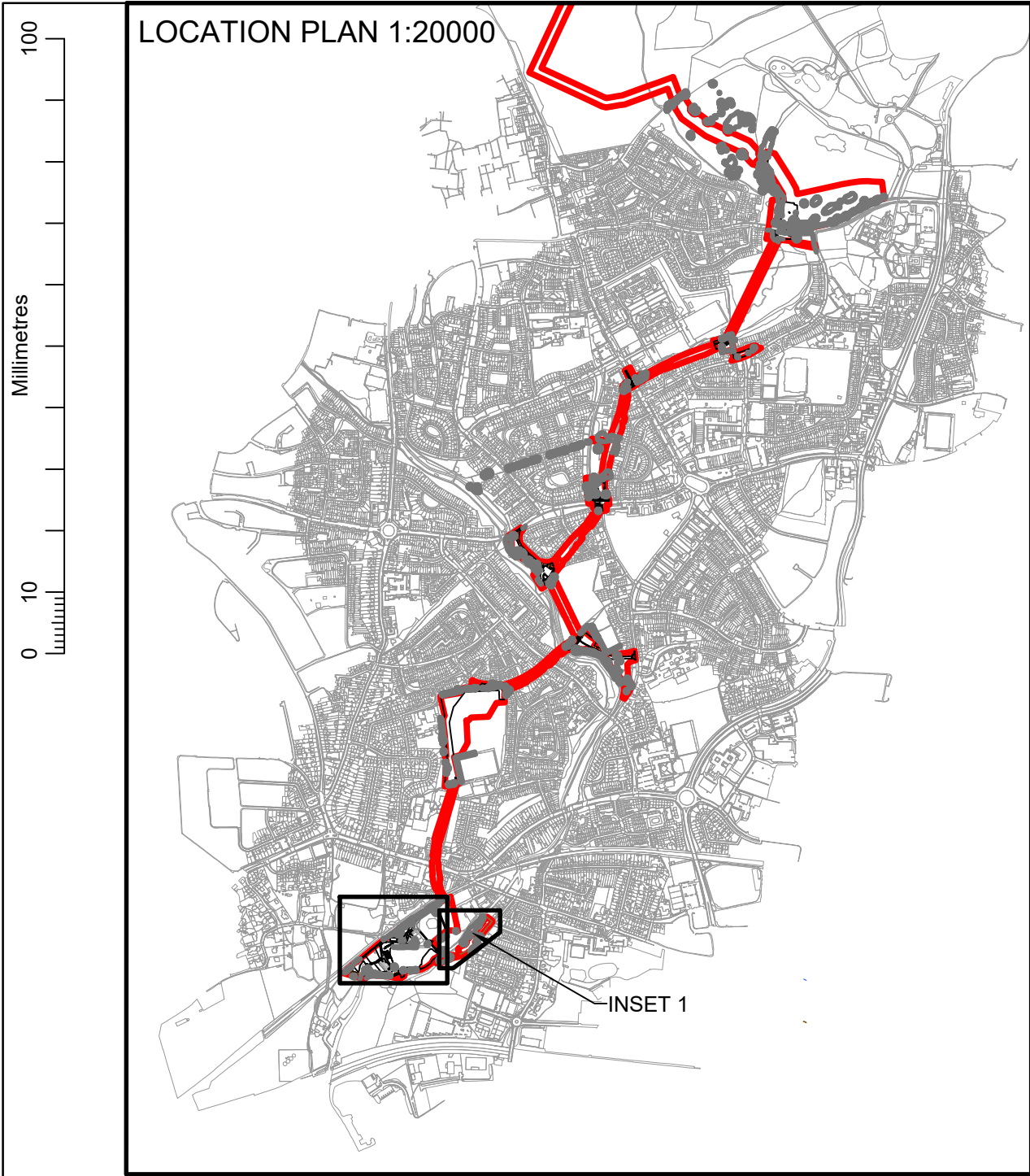
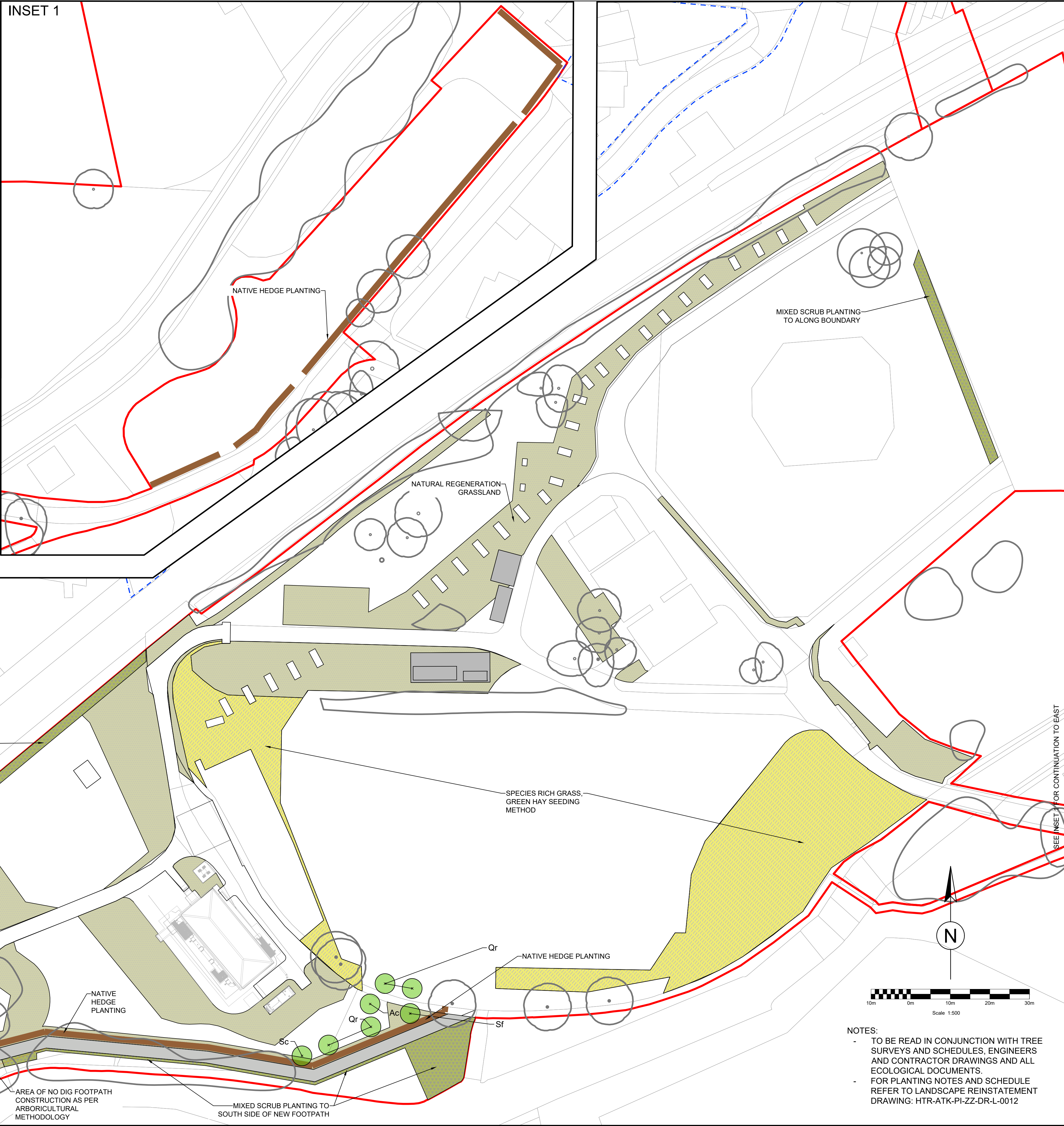


# APPENDICES

# Appendix A. Landscape Reinstatement Plans





**KEY**

**DO NOT SCALE**

**APPLICATION BOUNDARY**

**HIGHWAY BOUNDARY**

**TREES**

**EXISTING TREES TO BE RETAINED**

**PROPOSED TREES**  
MIXED SPECIES STANDARDS & FEATHERS  
(EXACT PLANTING LOCATIONS TO BE CONFIRMED WITH HBC)  
Ac = Acer campestre (Field Maple)  
Ag = Alnus glutinosa (Alder)  
Bpn = Betula pendula (Silver Birch)  
Cm = Crataegus monogyna (Hawthorn)  
Ph = Prunus avium (Wild Cherry)  
Or = Quercus robur (Oak)  
Sa = Sorbus aucuparia (Rowan)  
Sc = Salix caprea (Goat Willow)  
Sf = Salix fragilis (Crack Willow)  
Tc = Tilia cordata (Small leaved Lime)

**TRANSLOCATED TREES**  
EXISTING TREES TO BE TRANSLOCATED TO NEW PLANTING POSITION AS PER ARBORICULTURAL METHOD AND SPECIFICATION. NOTE FINAL PLANTING LOCATIONS TO BE AGREED WITH HBC

**GRASSLAND (PROPOSED)**

**AMENITY GRASS**  
G4 MODIFIED GRASSLAND, TO BE SEEDDED WITH AMENITY GRASS SEED MIXTURE

**SPORTS GRASS**  
G4 MODIFIED GRASSLAND, TO BE SEEDDED WITH SPORTS GRASS SEED MIXTURE.  
(AGRONOMY REPORT TO BE UNDERTAKEN TO ESTABLISH THE EXISTING CONDITION OF THE SURFACE AND CONFIRM THE PROPOSED REINSTATEMENT RETURNS THE SURFACE TO THE SAME LEVEL)

**SPECIES-RICH GRASS**  
G3C OTHER NEUTRAL GRASSLAND, TO BE SEEDDED WITH A SPECIES-RICH MEADOW MIXTURE

**SPECIES-RICH GRASS**  
G3C OTHER NEUTRAL GRASSLAND, TO BE SEEDDED USING A GREEN HAY METHOD. HAY TO BE CUT FROM EXISTING GRASSLAND ON SITE, AS PER ECOLOGISTS METHOD AND INSTRUCTIONS

**NATURAL REGENERATION**  
G3C OTHER NEUTRAL GRASSLAND, TOPSOIL TO BE STRIPPED AND REINSTATED POST WORKS. AREA TO NATURALLY REGENERATE FROM SEED BANK IN SOIL & GRASSLAND NEAR BY. ALTERNATIVELY TO BE SEEDDED WITH LOCALLY HARVESTED SEED, AS PER ECOLOGISTS METHOD AND INSTRUCTIONS

**TURF REMOVAL & REINSTATEMENT**  
G3C OTHER NEUTRAL GRASSLAND. TURF TO BE STRIPPED AND STORED ON SITE, THEN REINSTATED POST WORKS, AS PER ECOLOGISTS METHOD AND INSTRUCTIONS

**PLANTING (PROPOSED)**

**MIXED SCRUB**  
H3H MIXED SCRUB, PLANTING MIX OF TRANSPLANTS, WITH SOME FEATHERED AND STANDARD TREES

**DORMOUSE SCRUB**  
H3H MIXED SCRUB, PLANTING MIX OF TRANSPLANTS, WITH SOME FEATHERED AND STANDARD TREES

**NATIVE HEDGE**  
H2A5 SPECIES-RICH NATIVE HEDGEROW. PLANTING OF TRANSPLANTS TO GIVE >5 SPECIES PER 30M SECTION.

**HARD LANDSCAPE (PROPOSED)**

**HARD SURFACE**  
FOOTPATH, ROAD OR HARD STANDING TO BE REINSTATED TO MATCH EXISTING TREATMENT

| Rev. | Rev. Status | Rev. Dm By | Rev. Ckd By | Rev. Rev By | Rev. Auth By | Description            | Date     |
|------|-------------|------------|-------------|-------------|--------------|------------------------|----------|
| P12  | JS          | DB         | DB          | JF          |              | EXISTING TREES UPDATED | 16/10/25 |
| P11  | JS          | DB         | DB          | JF          |              | DRAWING NUMBER CHANGED | 02/07/25 |
| P10  | JS          | DB         | DB          | JF          |              | UPDATE TO GRASS AREAS  | 17/06/25 |
| P09  | JS          | DB         | DB          | JF          |              | SCRUB UPDATE TO SOUTH  | 01/04/25 |
| P08  | JS          | DB         | DB          | JF          |              | BNG UPDATE             | 28/02/25 |
| P07  | JS          | DB         | DB          | JF          |              | BNG UPDATE             | 24/02/25 |
| P06  | JS          | DB         | DB          | JF          |              | UPDATED TO COMMENTS    | 17/01/25 |

SEE INSET 1 FOR CONTINUATION TO EAST

**AtkinsRéalis**

Two Chamberlain Square  
Birmingham  
West Midlands  
B3 3AX

Tel: +44 (0)121 483 5757  
Fax:  
www.atkinsrealis.com  
© AtkinsRéalis (2025)

Drawing Suitability: **FOR INFORMATION** Status: **S2**

Contractors Drawing Number:  
HTR -ATK- PI- ZZ -DR- L- 0001  
Project [Originator] [Volume] [Location] [Type] [Role] [Number]

Telephone: Havant (023) 9249 9888  
Fax: Havant (023) 9245 3632  
Website: www.portsmouthwater.co.uk  
Registered Office: PO Box 9 West Street  
Havant Hampshire PO9 1LG  
REGISTERED IN ENGLAND No. 2536455

Project Ref. No: **HTR** Sheet: **1 of 12** Scale: **1:500** Sheet Size: **A1**

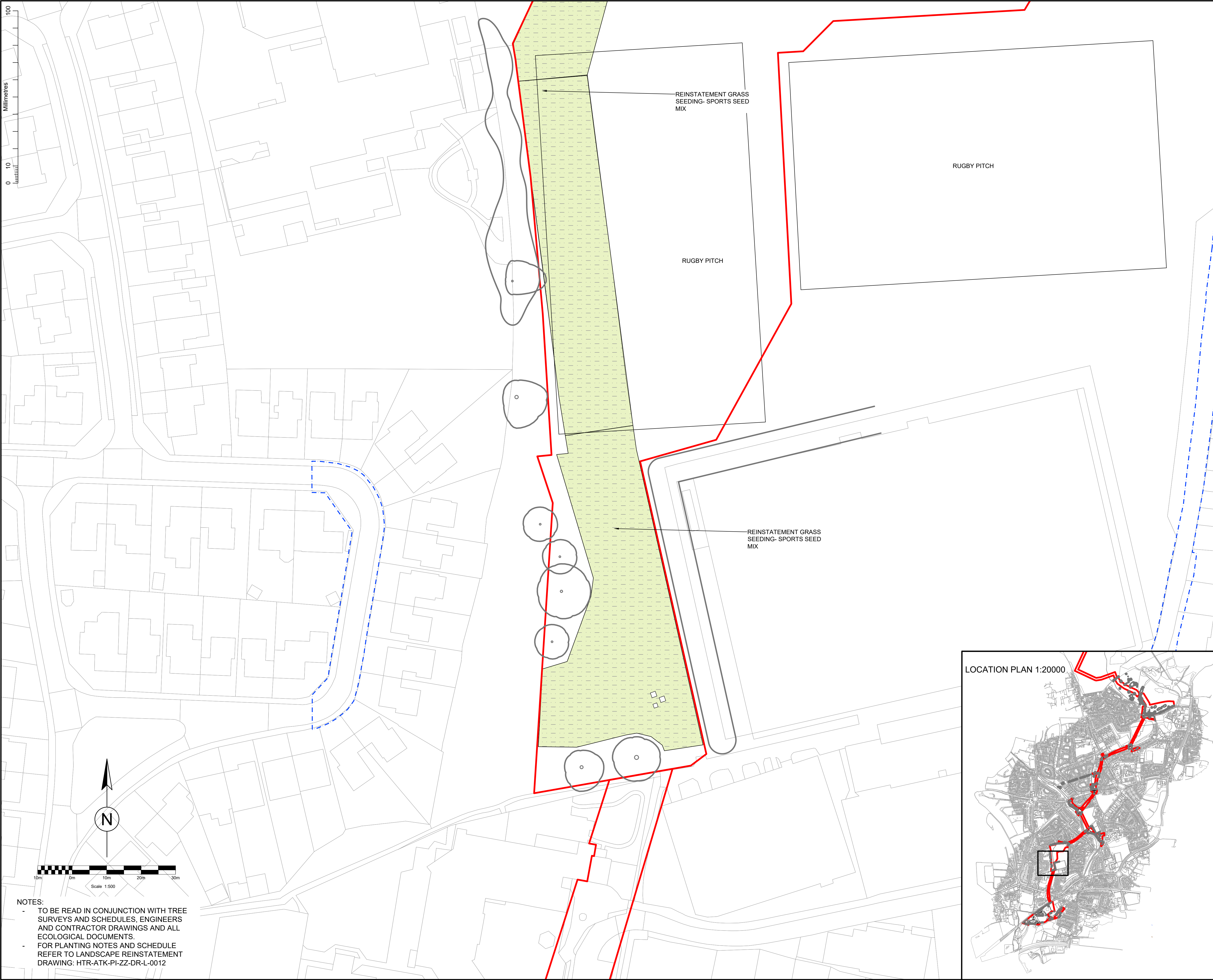
Project Title: **HAVANT THICKET RESERVOIR PIPELINE APPLICATION**

Drawing Title: **LANDSCAPE REINSTATEMENT PLAN**

Portsmouth Water Drawing Number: Rev: **P12**

**NOTES:**

- TO BE READ IN CONJUNCTION WITH TREE SURVEYS AND SCHEDULES, ENGINEERS AND CONTRACTOR DRAWINGS AND ALL ECOLOGICAL DOCUMENTS.
- FOR PLANTING NOTES AND SCHEDULE REFER TO LANDSCAPE REINSTATEMENT DRAWING: HTR-ATK-PI-ZZ-DR-L-0012



KEY

APPLICATION BOUNDARY

HIGHWAY BOUNDARY

TREES

EXISTING TREES TO BE RETAINED

PROPOSED TREES

TRANSLOCATED TREES

EXISTING TREES TO BE RETAINED

PROPOSED TREES

TRANSLOCATED TREES

GRASSLAND (PROPOSED)

AMENITY GRASS

SPORTS GRASS

SPECIES-RICH GRASS

SPECIES-RICH GRASS

NATURAL REGENERATION

TURF REMOVAL & REINSTATEMENT

GRASSLAND (PROPOSED)

BROADLEAF WOODLAND

WET WOODLAND

MIXED SCRUB

DORMOUSE SCRUB

NATIVE HEDGE

P08

JS

DB

DB

JF

DRAWING NUMBER CHANGED

02/07/25

P07

JS

DB

DB

JF

BNG UPDATE

25/02/25

P06

JS

DB

DB

JF

UPDATED TO LATEST LAYOUTS

15/11/24

P05

JS

DB

DB

JF

HIGHWAY BOUNDARY ADDED

04/11/24

P04

JS

DB

DB

JF

UPDATED TO COMMENTS

08/08/24

P03

JS

DB

DB

JF

UPDATED TO COMMENTS

22/05/24

Rev.

Des.

By

Rev.

Auth.

By

Description

Date

AtkinsRéalis

Two Chamberlain Square  
Birmingham  
West Midlands  
B3 3AX

Tel: +44 (0)121 483 5757  
Fax:  
www.atkinsrealis.com  
© AtkinsRéalis (2025)

Drawing Suitability:

FOR INFORMATION

Status:

S2

Contractors Drawing Number:

HTR

-ATK- PI- ZZ -DR- L-

0002

Telephone: Havant (023) 9249 9888  
Fax: Havant (023) 9245 3632  
Website: www.portsmouthwater.co.uk  
Registered Office: PO Box 8 West Street  
Havant Hampshire PO9 1LG  
REGISTERED IN ENGLAND No. 2536455

Portsmouth Water

Project Ref. No:

HTR

Sheet:

2 of 12

Scale:

1:500

Sheet Size:

A1

Project Title:

HAVANT THICKET RESERVOIR  
PIPELINE APPLICATION

Drawing Title:

LANDSCAPE  
REINSTATEMENT PLAN

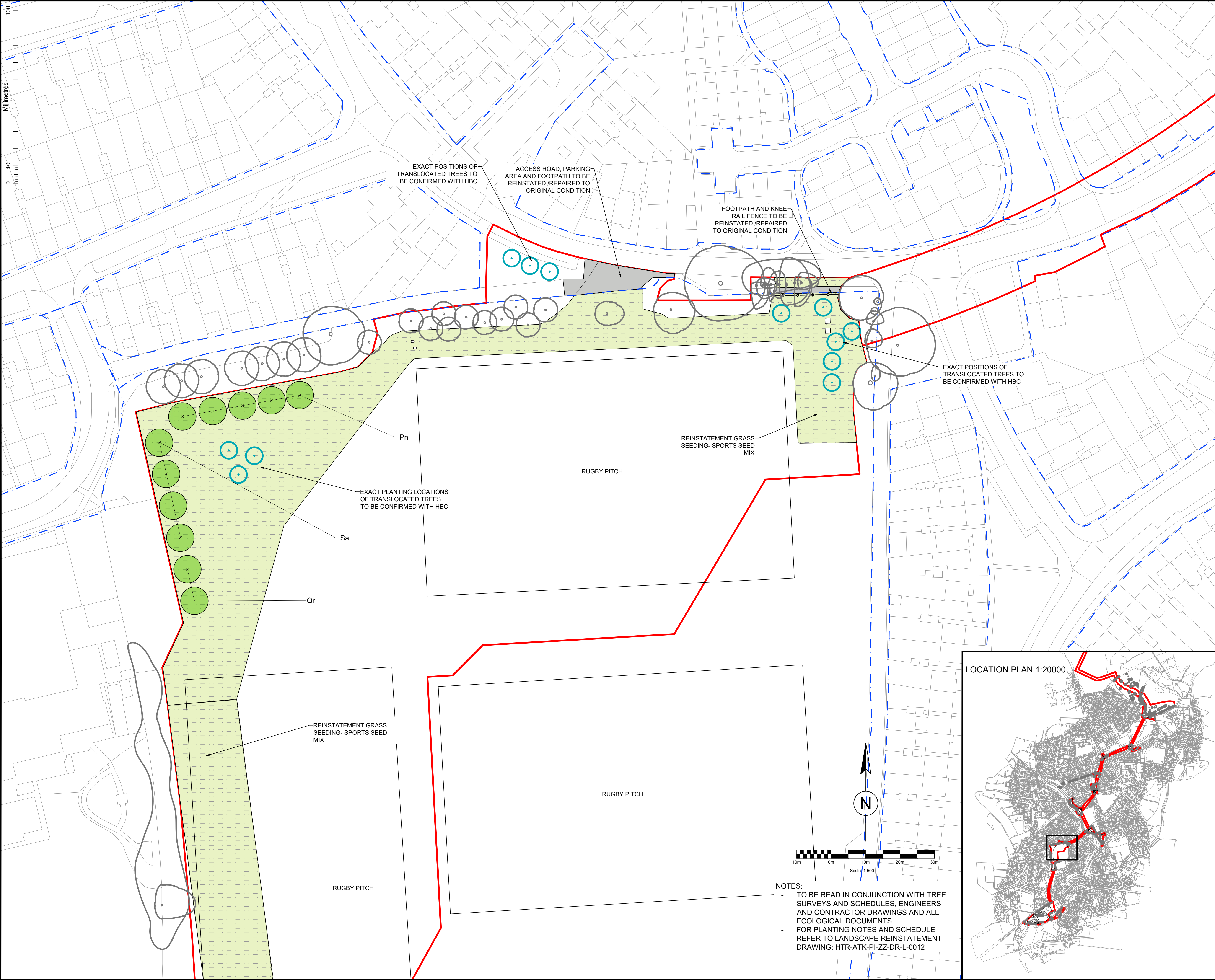
Portsmouth Water Drawing Number:

Rev:

P08

NOTES:

- TO BE READ IN CONJUNCTION WITH TREE SURVEYS AND SCHEDULES, ENGINEERS AND CONTRACTOR DRAWINGS AND ALL ECOLOGICAL DOCUMENTS.
- FOR PLANTING NOTES AND SCHEDULE REFER TO LANDSCAPE REINSTATEMENT DRAWING: HTR-ATK-PI-ZZ-DR-L-0012



KEY

APPLICATION BOUNDARY

HIGHWAY BOUNDARY

TREES

EXISTING TREES TO BE RETAINED

PROPOSED TREES

MIXED SPECIES STANDARDS & FEATHERS

EXACT PLANTING LOCATIONS TO BE CONFIRMED WITH HBC

Ac = Acer campestre (Field Maple)

Ag = Alnus glutinosa (Alder)

Bpn = Betula pendula (Silver Birch)

Cm = Crataegus monogyna (Hawthorn)

Pn = Prunus avium (Wild Cherry)

Qr = Quercus robur (Oak)

Sa = Sorbus aucuparia (Rowan)

Sc = Salix caprea (Goat Willow)

Sf = Salix fragilis (Crack Willow)

Tc = Tilia cordata (Small leaved Lime)

TRANSLOCATED TREES

EXISTING TREES TO BE TRANSLOCATED

TO NEW PLANTING POSITION AS PER

ARBORICULTURAL METHOD AND

SPECIFICATION. NOTE FINAL PLANTING

LOCATIONS TO BE AGREED WITH HBC

GRASSLAND (PROPOSED)

AMENITY GRASS

G4 MODIFIED GRASSLAND, TO BE SEED

WITH AMENITY GRASS SEED MIXTURE

SPORTS GRASS

G4 MODIFIED GRASSLAND, TO BE SEED

WITH SPORTS GRASS SEED MIXTURE.

(AGROMONY REPORT TO BE UNDERTAKEN TO

ESTABLISH THE EXISTING CONDITION OF THE SURFACE

AND CONFIRM THE PROPOSED REINSTATEMENT

RETURNING THE SURFACE TO THE SAME LEVEL)

SPECIES-RICH GRASS

G3C OTHER NEUTRAL GRASSLAND, TO BE

SEED WITH A SPECIES-RICH MEADOW

MIXTURE

SPECIES-RICH GRASS

G3C OTHER NEUTRAL GRASSLAND, TO BE

SEED USING A GREEN HAY METHOD, HAY

TO BE CUT FROM EXISTING GRASSLAND ON

SITE, AS PER ECOLOGISTS METHOD AND

INSTRUCTIONS

NATURAL REGENERATION

G3C OTHER NEUTRAL GRASSLAND, TOPSOIL

TO BE STRIPPED AND REINSTATED POST

WORKS. AREA TO NATURALLY REGENERATE

FROM SEED BANK IN SOIL & GRASSLAND

NEAR BY, ALTERNATIVELY TO BE SEED

WITH LOCALLY HARVESTED SEED, AS PER

ECOLOGISTS METHOD AND INSTRUCTIONS

TURF REMOVAL & REINSTATEMENT

G3C OTHER NEUTRAL GRASSLAND, TURF TO

BE STRIPPED AND STORED ON SITE, THEN

REINSTATED POST WORKS, AS PER

ECOLOGISTS METHOD AND INSTRUCTIONS

PLANTING (PROPOSED)

BROADLEAF WOODLAND

W1G OTHER BROADLEAVED WOODLAND,

PLANTING MIX OF TRANSPLANTS, FEATHERS

AND STANDARDS

WET WOODLAND

W1D WET WOODLAND, PLANTING MIX OF OF

TRANSPLANTS, FEATHERS AND STANDARDS,

TO BE UNDER PLANTED WITH PLUG GROUND

FLORA.

MIXED SCRUB

H3H MIXED SCRUB, PLANTING MIX OF

TRANSPLANTS, WITH SOME FEATHERED AND

STANDARD TREES

DORMOUSE SCRUB

H3H MIXED SCRUB, PLANTING MIX OF

TRANSPLANTS, WITH SOME FEATHERED AND

STANDARD TREES

NATIVE HEDGE

H2AS SPECIES-RICH NATIVE HEDGEROW,

PLANTING OF TRANSPLANTS TO GIVE >5

SPECIES PER 30M SECTION.

P09 JS DB DB JF DRAWING NUMBER CHANGED 02/07/25

P08 JS DB DB JF BNG UPDATE 25/02/25

P07 JS DB DB JF UPDATED TO LATEST LAYOUT 15/11/24

P06 JS DB DB JF HIGHWAY BOUNDARY ADDED 04/11/24

P05 JS DB DB JF HARD REINSTATEMENT TO 23/10/24

P04 JS DB DB JF NORTH ADDED

P03 JS DB DB JF UPDATED TO COMMENTS 08/08/24

Rev. Status Dm Ckd Rev Rev Auth Description Date

By By By By By By

AtkinsRéalis

Two Chamberlain Square

Birmingham

West Midlands

B3 3AX

Tel: +44 (0)121 483 5757

Fax:

www.atkinsrealis.com

© AtkinsRéalis (2025)

Drawing Suitability: FOR INFORMATION

Status: S2

Contractors Drawing Number:

HTR -ATK- PI- ZZ -DR- L- 0003

Project [Originator] [Volume] [Location] Type Role Number

Telephone: Havant (023) 9249 9888

Fax: Havant (023) 9245 3632

Website: www.portsmouthwater.co.uk

Registered Office: PO Box 9 West Street

Havant Hampshire PO9 1LG

REGISTERED IN ENGLAND No. 2536455

Portsmouth Water

Project Ref. No: HTR

Sheet: 3 of 12

Scale: 1:500

Sheet Size: A1

Project Title:

HAVANT THICKET RESERVOIR

PIPELINE APPLICATION

Drawing Title:

LANDSCAPE

REINSTATEMENT PLAN

Portsmouth Water Drawing Number:

Rev: P09

NOTES:

- TO BE READ IN CONJUNCTION WITH TREE

- SURVEYS AND SCHEDULES, ENGINEERS

- AND CONTRACTOR DRAWINGS AND ALL

- ECOLOGICAL DOCUMENTS.

- FOR PLANTING NOTES AND SCHEDULE

- REFER TO LANDSCAPE REINSTATEMENT

- DRAWING: HTR-ATK-PI-ZZ-DR-L-0012

LOCATION PLAN 1:20000