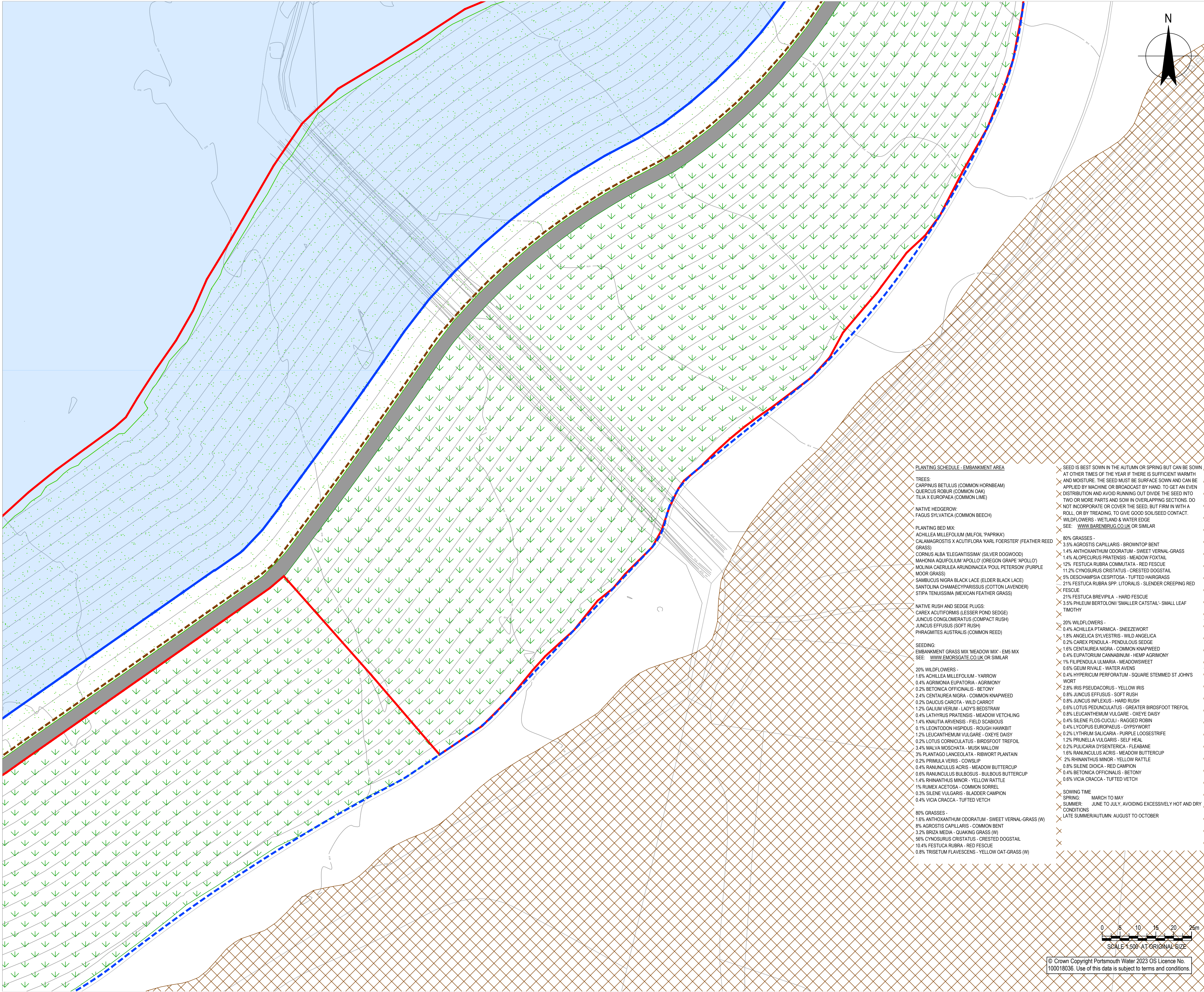




PLANTING SCHEDULE - EMBANKMENT AREA

TREES:
CARPINUS BETULUS (COMMON HORNBREAM)
QUERCUS ROBUR (COMMON OAK)
TILIA X EUROPAEA (COMMON LIME)

NATIVE HEDGEROW:
FAGUS SYLVATICA (COMMON BEECH)

PLANTING BED MIX:
ACHILLEA MILLEFOLIUM (MILFOIL 'PAPIKA')
CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER' (FEATHER REED GRASS)
CORNUS ALBA 'ELEGANTISSIMA' (SILVER DOGWOOD)
MAHONIA AQUIFOLIUM 'APOLLO' (OREGON GRAPE 'APOLLO')
MOLINIA CAERULEA ARUNDINACEA POUL PETERSON (PURPLE MOOR GRASS)
SAMBUCUS NIGRA BLACK LACE (ELDER BLACK LACE)
SANTOLINA CHAMAECYPARISSUS (COTTON LAVENDER)
STIPA TENUISSIMA (MEXICAN FEATHER GRASS)

NATIVE RUSH AND SEDGE PLUGS:
CAREX ACUTIFORMIS (LESSER POND SEDGE)
JUNCUS CONGLOMERATUS (COMPACT RUSH)
JUNCUS EFFUSUS (SOFT RUSH)
PHRAGMITES AUSTRALIS (COMMON REED)

SEEDING:
EMBANKMENT GRASS MIX 'MEADOW MIX' - EMS MIX
SEE: WWW.EMORGATE.CO.UK OR SIMILAR

20% WILDFLOWERS -
1.6% ACHILLEA MILLEFOLIUM - YARROW
0.4% AGRIMONIA EUPATORIA - AGRIMONY
0.2% BETONICA OFFICINALIS - BETONY
2.4% CENTAUREA NIGRA - COMMON KNAPWEED
0.2% DAUCUS CAROTA - WILD CARROT
1.2% GALIUM VERUM - LADY'S BEDSTRAW
0.4% LATHYRUS PRATENSIS - MEADOW VETCHLING
1.4% KNAUTHIA ARVENSI - FIELD SCABIOUS
0.1% LEONTODON HISPIDUS - ROUGH HAWKBIT
1.2% LEUCANTHEMUM VULGARE - OXEYE DAISY
0.2% LOTUS CORNICULATUS - BIRDSFOOT TREFOL
3.4% MALVA MOSCHATA - MUSK MALLOW
3% PLANTAGO LANCEOLATA - RIBSWORT PLANTAIN
0.2% PRIMULA VERIS - COUSLIP
0.4% RANUNCULUS ACRIS - MEADOW BUTTERCUP
0.6% RANUNCULUS BULBOSUS - BULBOUS BUTTERCUP
1.4% RHINANTHUS MINOR - YELLOW RATTLE
1% RUMEX ACETOSA - COMMON SORREL
0.3% SILENE VULGARIS - BLADDER CAMPION
0.4% VICIA CRACCA - TUFTED VETCH

80% GRASSES -
1.6% ANTHOXANTHUM ODORATUM - SWEET VERNAL-GRASS (W)
6% AGROSTIS CAPILLARIS - COMMON BENT
3.2% BRIZA MEDIA - QUAKING GRASS (W)
56% CYNOSURUS CRISTATUS - CRESTED DOGSTAIL
10.4% FESTUCA RUBRA - RED FESCUE
0.8% TRISTETUM FLAVESCENS - YELLOW OAT-GRASS (W)

SEED IS BEST SOWN IN THE AUTUMN OR SPRING BUT CAN BE SOWN AT OTHER TIMES OF THE YEAR IF THERE IS SUFFICIENT WARMTH AND MOISTURE. THE SEED MUST BE SURFACE SOWN AND CAN BE APPLIED BY MACHINE OR BROADCAST BY HAND. TO GET AN EVEN DISTRIBUTION AND AVOID RUNNING OUT DIVIDE THE SEED INTO TWO OR MORE PARTS AND SOW IN OVERLAPPING SECTIONS. DO NOT INCORPORATE OR COVER THE SEED, BUT FIRM IN WITH A ROLL OR BY TREADING. TO GIVE GOOD SOIL/SEED CONTACT.
WILDFLOWERS - WETLAND & WATER EDGE
SEE: WWW.BARENBRUG.CO.UK OR SIMILAR

80% GRASSES -
3.5% AGROSTIS CAPILLARIS - BROWNTOP BENT
1.4% ANTHOXANTHUM ODORATUM - SWEET VERNAL-GRASS
1.4% ALOPECURUS PRATENSIS - MEADOW FOXTAIL
12% FESTUCA RUBRA COMMUTATA - RED FESCUE
11.2% CYNOSURUS CRISTATUS - CRESTED DOGSTAIL
5% DESCHAMPSIA CESPITOSA - TUFTED HARRGRASS
21% FESTUCA RUBRA SPP. LITORALIS - SLENDER CREEPING RED FESCUE
21% FESTUCA BREVIPILA - HARD FESCUE
3.5% PHELEUM BERTOLONII 'SMALLER CATSTAIL' - SMALL LEAF TIMOTHY

20% WILDFLOWERS -
0.4% ACHILLEA PTARMICA - SNEEZEWORT
1.8% ANGELICA SYLVESTRIS - WILD ANGELICA
0.2% CAREX PENDULA - PENDULOUS SEDGE
1.6% CENTAUREA NIGRA - COMMON KNAPWEED
0.4% EUPATORIUM CANNABINUM - HEMP AGRIMONY
1% FILIPENDULA ULMARIA - MEADOWSWEET
0.6% GEUM RIVALE - WATER AVENS
0.4% HYPERICUM PERFORATUM - SQUARE STEMMED ST JOHN'S WORT
2.8% IRIS PSEUDACORUS - YELLOW IRIS
0.8% JUNCUS EFFUSUS - SOFT RUSH
0.8% JUNCUS INFLEXUS - HARD RUSH
0.6% LOTUS PEDUNCULATUS - GREATER BIRDSFOOT TREFOL
0.8% LEUCANTHEMUM VULGARE - OXEYE DAISY
0.4% SILENE FLOS-CUCULLI - RAGGED ROBIN
0.4% LYCOPUS EUROPAEUS - GYPSYWORT
0.2% LYTHRUM SALICARIA - PURPLE LOOSESTRIFE
1.2% PRUNELLA VULGARIS - SELF HEAL
0.2% PULICARIA DYSENTERICA - FLEABANE
1.6% RANUNCULUS ACRIS - MEADOW BUTTERCUP
2% RHINANTHUS MINOR - YELLOW RATTLE
0.8% SILENE DIOICA - RED CAMPION
0.4% BETONICA OFFICINALIS - BETONY
0.6% VICIA CRACCA - TUFTED VETCH

SOWING TIME
SPRING: MARCH TO MAY
SUMMER: JUNE TO JULY, AVOIDING EXCESSIVELY HOT AND DRY CONDITIONS
LATE SUMMER/AUTUMN: AUGUST TO OCTOBER

0 5 10 15 20 25m
SCALE 1:500 AT ORIGINAL SIZE

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NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE (UNO).
2. ALL LEVELS ARE IN METRES TO ORDNANCE DATUM UNO.
3. TWL = TOP OF WATER LEVEL

Key

- RMA Application boundary

39.5 contour - top water level for main reservoir

Existing Vegetation

Proposed Vegetation

Specimen Trees

Ornamental Planting Mix

Formal Hedgerow

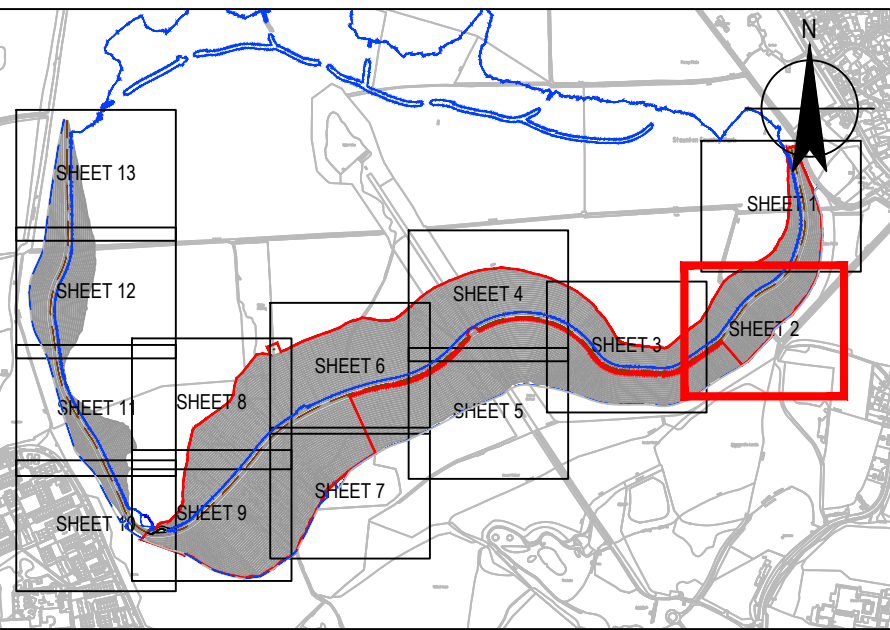
Rush & Sedge Planting

Wildflower Seeding Mix EM5

Wet and Water Edge Mix

Grass Amphitheatre with Timber Edge Sealing
- Crest footpath
- Bins
- Benches
- Raised Timber Planter
- Balustrade
- Stockproof Fencing
- Timber Post and Rail Fencing

Atlas - Not to scale



REFERENCE DOCUMENTS AND DRAWINGS

PLEASE REFER TO THE BELOW DRAWINGS:
HTR-GHD-WL-ZZ-DR-T-0023-0034 MAIN EMBANKMENT LANDSCAPE HARDWORKS AND SOFTWORKS
HTR-GHD-WL-ZZ-DR-T-0035 VIEWING PLATFORM GENERAL ARRANGEMENT PLAN
HTR-GHD-WL-ZZ-DR-T-0038-0039 CONSTRUCTION DETAILS

P02	FOR COMMENT	SWG	SWG	06/08/2024
P01	FOR COMMENT	SWG	SWG	30/07/2024
Rev	Description	Checked	Approved	Date

Author	ST	Drafting Check	SWG
Designer	ST	Design Check	SWG

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Project No.
12547181

Client PORTSMOUTH WATER

Project HAVANT THICKET RESERVOIR

Status FOR COMMENT Status Code S3

Drawing Title MAIN EMBANKMENT LANDSCAPE HARDWORKS AND SOFTWORKS SHEET 2 OF 13 Size A1

HTR-GHD-ZZ-DR-T-0023 Rev P02