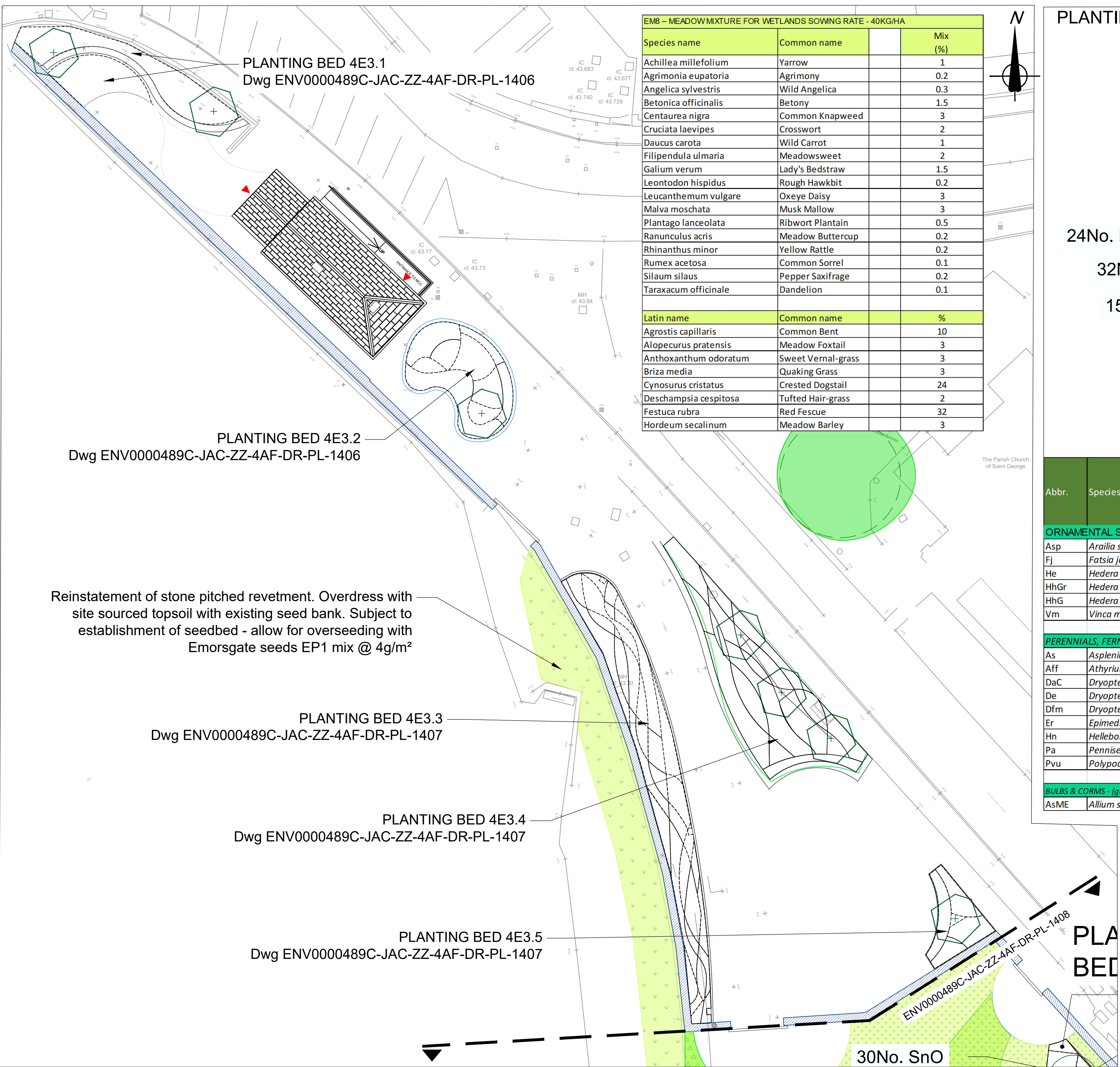


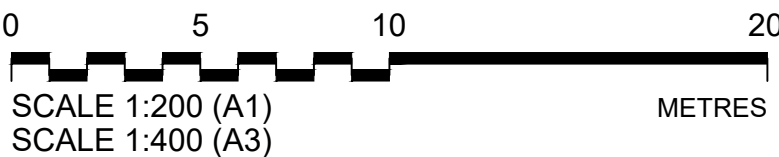


Shrub and perennial planting bed

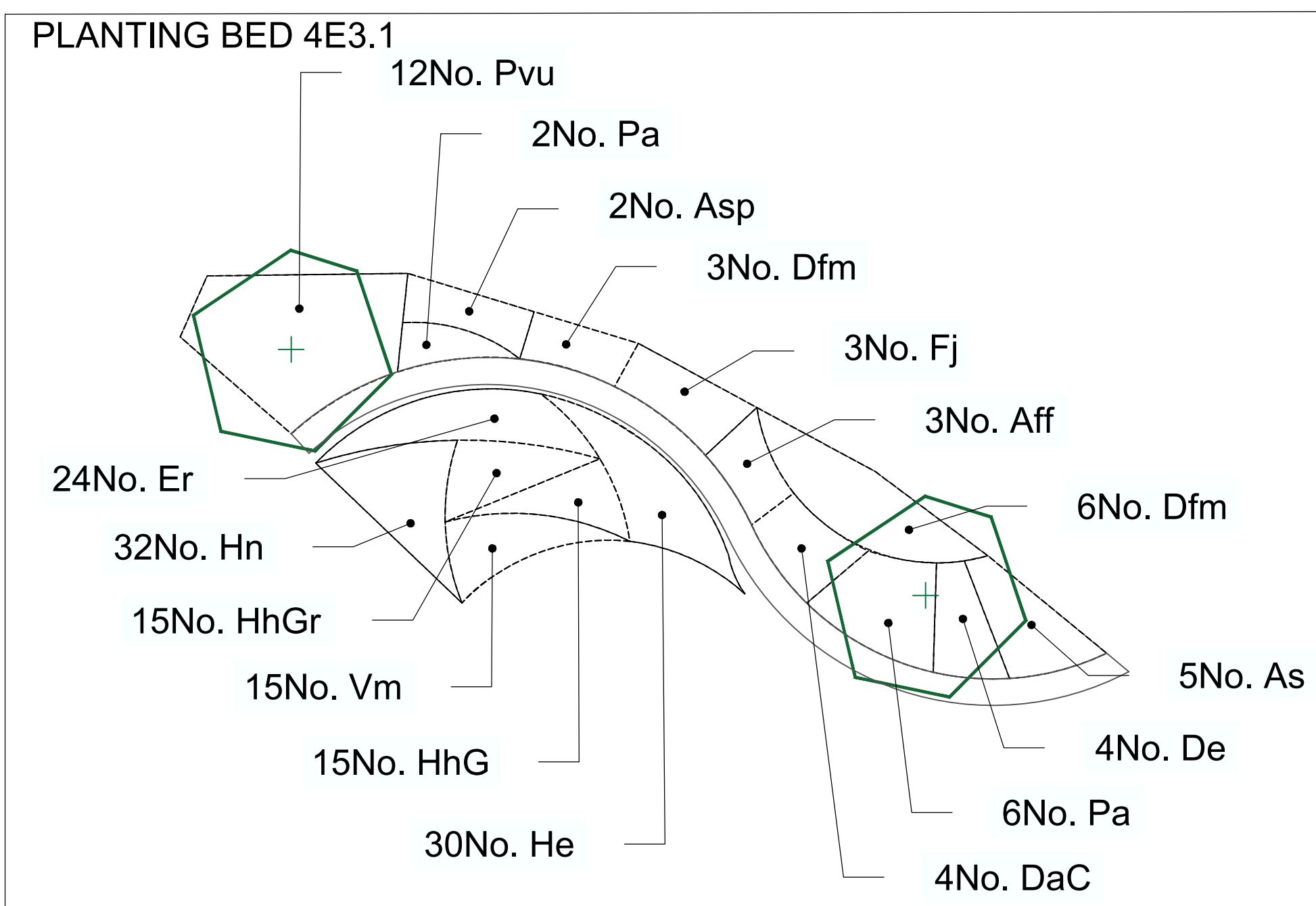
Overseeding to restored riverside revetment (subject to requirements (EM8 (Emorsgate) Wetland meadow seed mix @ 4g/m²

Tree planting as dwg ENV0000489C-JAC-ZZ-4AF-DR-PL-1404

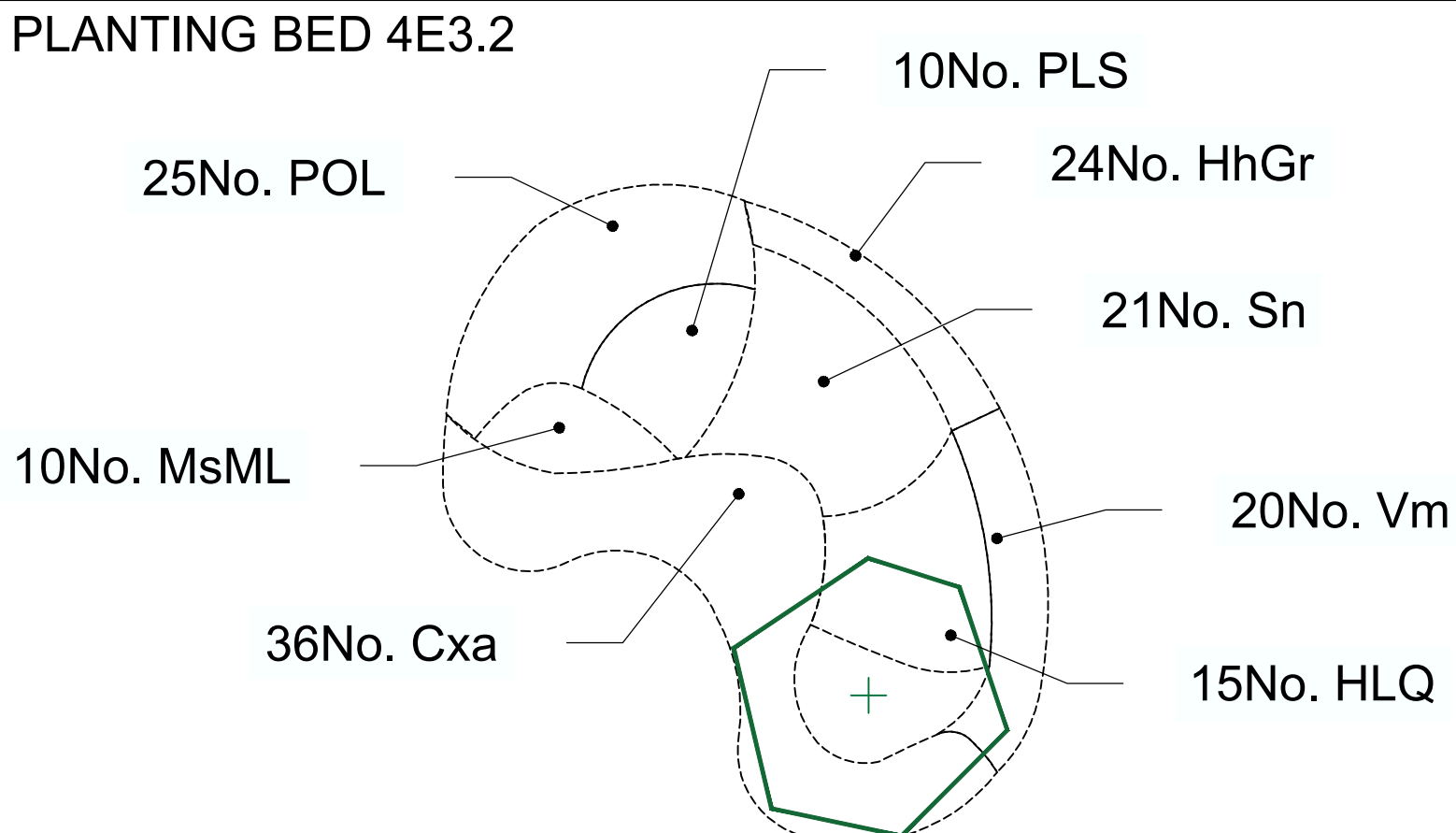
Semi Mature Tree - 2m clear stem/4.5-7m height.



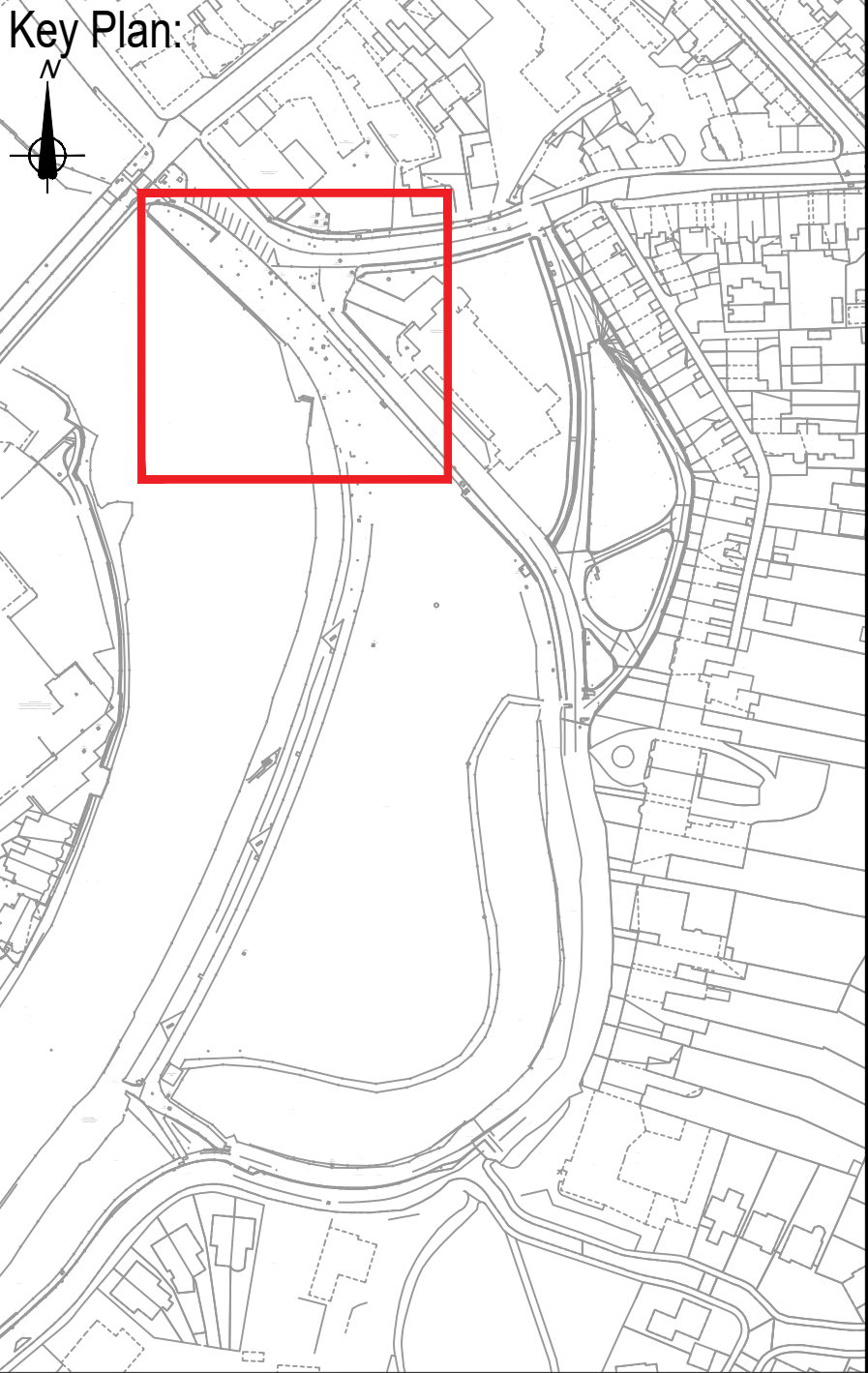
EM8 – MEADOW MIXTURE FOR WETLANDS SOWING RATE - 40KG/HA		
Species name	Common name	Mix (%)
Achillea millefolium	Yarrow	1
Agrimonia eupatoria	Agrimony	0.2
Angelica sylvestris	Wild Angelica	0.3
Betonica officinalis	Betony	1.5
Centaurea nigra	Common Knapweed	3
Cruciata laevipes	Crosswort	2
Daucus carota	Wild Carrot	1
Filipendula ulmaria	Meadowsweet	2
Galium verum	Lady's Bedstraw	1.5
Leontodon hispidus	Rough Hawkbit	0.2
Leucanthemum vulgare	Oxeye Daisy	3
Malva moschata	Musk Mallow	3
Plantago lanceolata	Ribwort Plantain	0.5
Ranunculus acris	Meadow Buttercup	0.2
Rhinanthus minor	Yellow Rattle	0.2
Rumex acetosa	Common Sorrel	0.1
Silvaum silaus	Pepper Saxifrage	0.2
Taraxacum officinale	Dandelion	0.1
Latin name	Common name	%
Agrostis capillaris	Common Bent	10
Alopecurus pratensis	Meadow Foxtail	3
Anthoxanthum odoratum	Sweet Vernal-grass	3
Briza media	Quaking Grass	3
Cynosurus cristatus	Crested Dogstail	24
Deschampsia cespitosa	Tufted Hair-grass	2
Festuca rubra	Red Fescue	32
Hordeum secalinum	Meadow Barley	3



Abbr.	Species name	Common name	Minimum height above soil/ media level (cm)	Minimum container size (Litre)	Minimum number of breaks	Density (No./m²)	QTY (No.)	Ultimate Mature Height (5-10yrs)
ORNAMENTAL SPECIES - SHRUBS								
Asp	Arailia spinosa	Devils walking stick	60	5	2	1 (1000mm)	2	2.5-4m
Fj	Fatsia japonica	Japanese aralia	60	5	2	1 (1000mm)	3	2.5-4m
He	Hedera helix	Common ivy	10	0.5	-	7 (350mm)	30	0.5 - 1m
HhGr	Hedera helix 'Green Ripple'	Decorative ivy	10	0.5	-	7 (350mm)	15	0.5 - 1m
HhG	Hedera helix 'Goldchild'	Variegated ivy	10	0.5	-	7 (350mm)	15	0.5 - 1m
Vm	Vinca minor	Lesser Periwinkle	10	0.5	-	7 (350mm)	15	0.1m
PERENNIALS, FERNS & GRASSES								
As	Asplenium scolopendrium	Hart's-tongue fern	20	3	n/a	3 (600mm)	5	0.5-1m
Aff	Athyrium filix-femina	Lady fern	30	3	n/a	2 (750mm)	3	1-1.5m
DaC	Dryopteris affinis 'Cristata'	Golden male mern	30	3	n/a	2 (750mm)	4	1-1.5m
De	Dryopteris erythrosora	Buckler mern	20	3	n/a	2 (750mm)	4	0.5-1m
Dfm	Dryopteris felix-mas	Male fern	30	3	n/a	2 (750mm)	9	1-1.5m
Er	Epimedium x rubrum	Red barrenwort	15	3	n/a	6 (400mm)	24	0.1-0.3m
Hn	Helleborus niger	Christmas rose	15	2	n/a	8 (375mm)	32	0.1-0.5m
Pa	Pennisetum alopecuroides	Chinese fountain grass	30	0.5	n/a	2 (750mm)	8	1-1.5m
Pvu	Polypodium vulgare	Common polypody	20	3	n/a	2 (750mm)	12	0.1 - 0.5m
BULBS & CORMS - (groups of 5No. At 500mm centres) across extent of bed								
AsME	Allium stipitatum 'Mount Everest'	Dutch garlic bulbs	n/a	top size/3yr old		4(500mm)	30	1-1.5m



Abbr.	Species name	Common name	Minimum height above soil/ media level (cm)	Minimum container size (Litre)	Density (No./m²)	QTY (No.)	Ultimate Mature Height (5-10yrs)
ORNAMENTAL SPECIES - SHRUBS							
HhGr	Hedera helix Green ripple	Decorative ivy	10	0.5	8(375mm)	24	0.5 - 1m
PLS	Perovskia 'Little Spire' (PBR)	Russian sage	50	5	3(600mm)	10	0.5-0.75m
POL	Prunus otto luykens	Cherry laurel 'Otto Luyken'	40	3	3(600mm)	25	1m
Sn	Salvia nemorosa 'Caradonna	Balkan clary	40	3	3(600mm)	21	0.1-0.5m
Vm	Vinca minor	Lesser periwinkle	10	0.5	6(400mm)	20	0.1m
PERENNIALS, FERNS & GRASSES							
Cxa	Calamagrostis x acutiflora	Feather reed grass	10	2	6(400mm)	36	1-1.5m
HLQ	Helianthus 'Lemon Queen'	Perennial sunflower	30	3	3(600mm)	15	1.5m
MsML	Miscanthus sinensis 'Morning Light'	Silver grass	80	5	6(400mm)	10	1-1.5m



NOTES:

All proposals subject to on site confirmation of utilities locations.

Substitutions

No substitutions of mixes or sowing rates shall be accepted without prior approval of Landscape Architect.

Seeding

Overseeding of stone pitched revetment subject to instruction following review by Environmental Clerk of Works. Availability of seedbed material acquired during demolition of the revetment will determine natural regeneration within soils. Should the overseeding of wetland mix be required, undertake by hand at a rate of 4g/m². Localised brushing to ensure contact with soil-filled joints.

Use of herbicides in proximity of watercourse to be agreed with EA prior to application.

Retention of existing vegetation

Where possible section of vegetated revetment to be retained, and in the first instance, arisings from maintenance cut to be spread across reinstated revetment adjacent to the FD walls.

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	26/02/22	Planning for review and comment	GR	NG	AR	EM

European Union
European Regional Development Fund

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Client

Project

KENDAL FLOOD RISK MANAGEMENT SCHEME 1

Drawing title

Reach F (4E3)
Planting and seeding plan
Sheet 1 of 4

Drawing status

S3

Scale	1:250@A1	DO NOT SCALE
Jacobs No.	B228P023	Rev
Client no.	ENV0000489C	P01

Drawing number

ENV0000489C-JAC-ZZ-4AF-DR-PL-1406

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