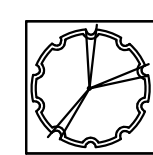
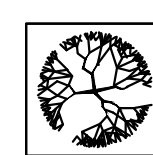


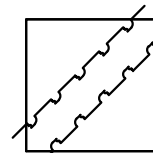
concept LS key



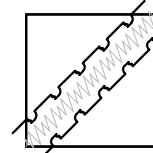
Existing Tree Planting to be retained



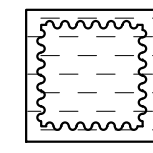
Proposed Tree Planting (CG, BR, RB)
as part of future developments on the campus



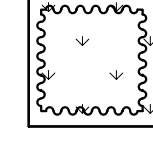
Existing Hedgerows & Hedges to be retained



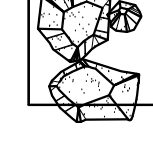
Proposed Hedgerows & Hedges
native species to be planted as per the landscape softworks
planting schedule, staked in place and fitted with shrub guard



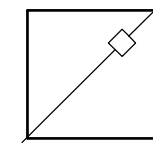
Proposed meadow seed mix for sandy soils with supplement plug plants, refer to the landscape softworks planting schedule



Proposed Temporary Grassland Seed Mix
sown at manufacture's recommendations.
Refer to the landscape softworks planting schedule.



Proposed Rock Placement, to be same type of rock work to
revetment.



Proposed timber knee rail - refer to detail

Note:
Main contractor to determine exact location of
services/drainage, this should be confirmed on site prior
commencement of works to avoid tree pit / services conflict

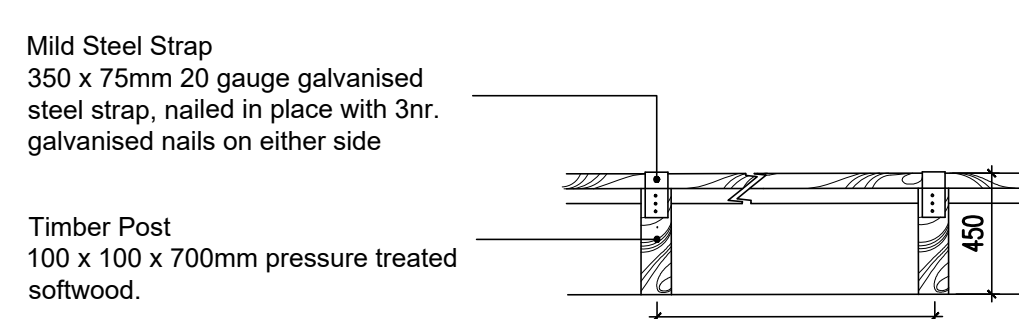
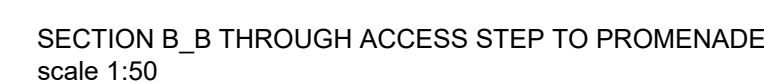
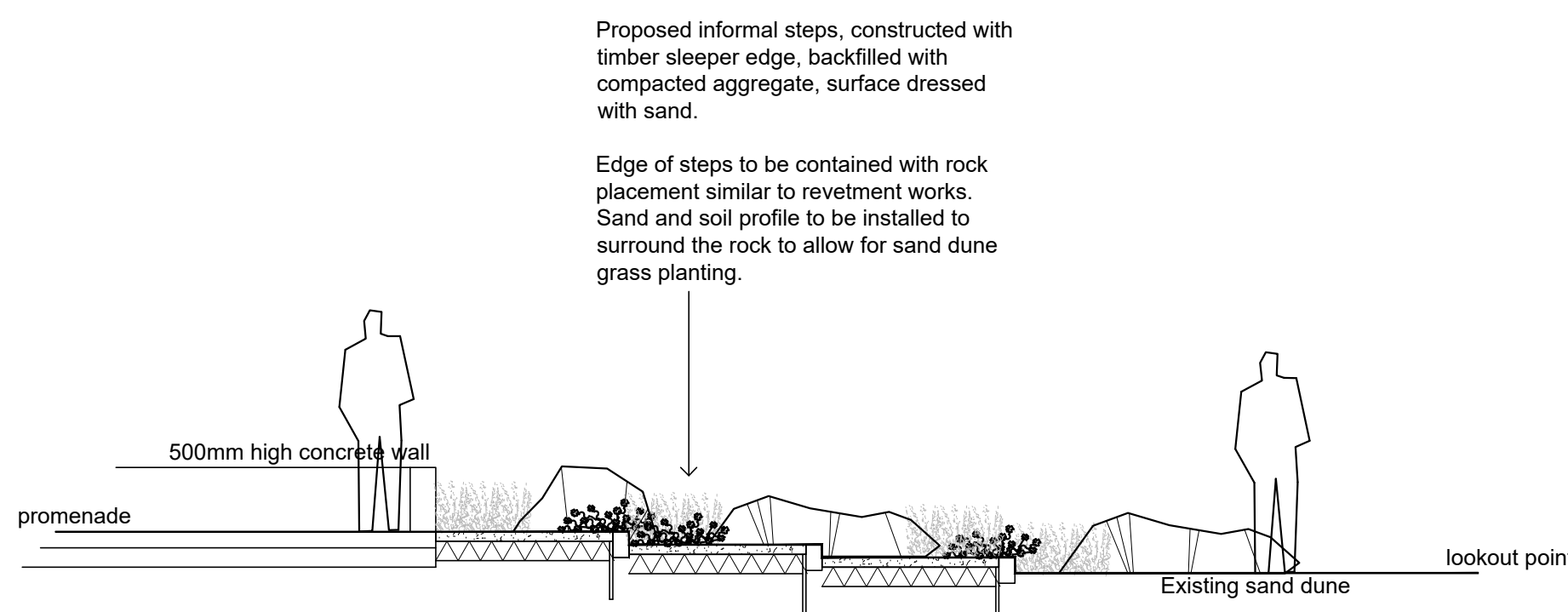
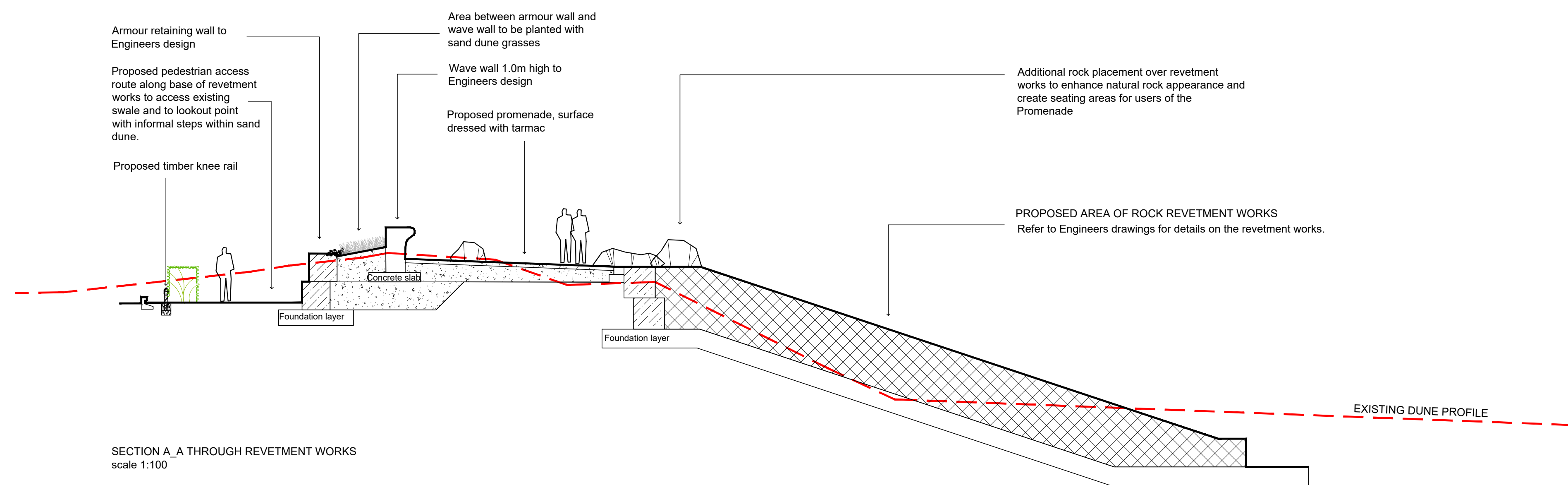
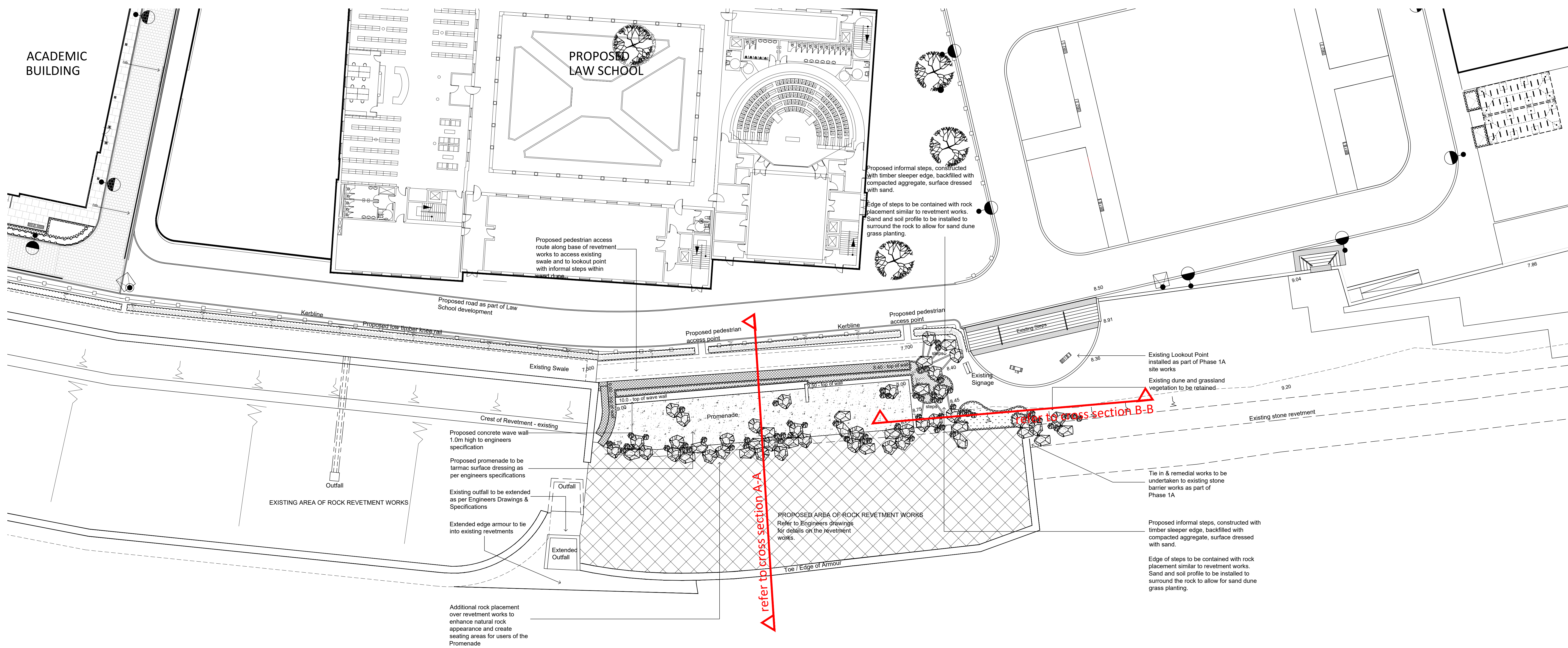
For external lighting and cctv details refer to M&E Engineer drawings and specifications.

For drainage details refer to Civil Engineers drawings and specifications.

All soil is subject to detailed testing and analysis and will be in accordance with the soft landscape specification

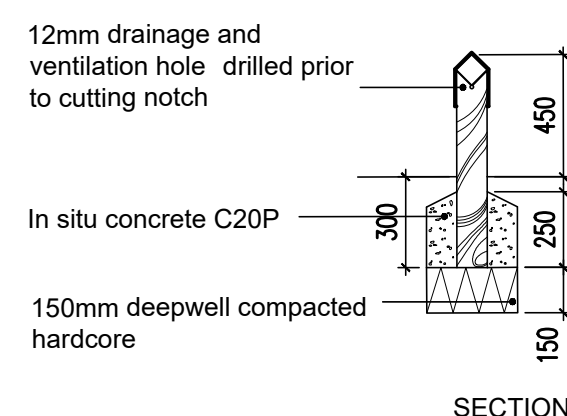
All treatment of softwork areas to comply to BS4428 Code of Practice for general landscape operations.

All softlandscape species plant type supplied for designated areas are to be determined by the proposed planting season (ie bareroot or container grown stock).

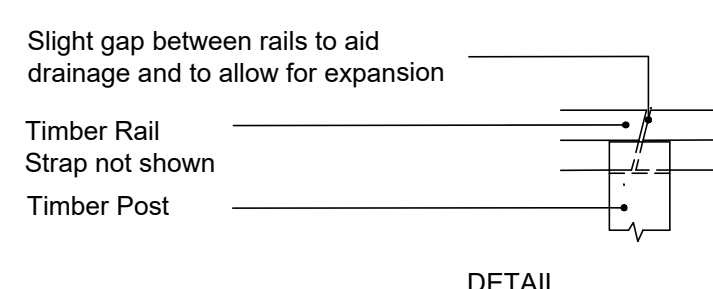


NOTE

- All timber is to be pressure impregnated with an approved preservative.
- All Timber is to be sawn.
- All Ironmongery is to be galvanised.
- All Timbers are to be stained.
- Posts are to be set at a maximum of 2.4m centres at all changes in direction and at all intersections.
- All notch cuts are to be made prior to the application of the preservative.



In situ concrete C20P



TIMBER KNEE
SCALE 1:25

Winnipeg University Bay Science & Innovation Campus						
Proposed Softworks Planting Schedule		REVETEMENT WORKS			PLANNING	
Proposed Hedge Planting	Transplant	Size (cm)	(% Mix)	Density (m)	Numbers	Notes
Crataegus Monogyna	1 + 0	30-40	30	1		Planted at 450m centres per linear metre in double-staggered row, randomly in groups of 3-5. To be staked and mulched.
Ilex aquifolium	1 + 0	30-40	20	1		
Prunus spinosa	1 + 0	30-40	30	1		
Rosa arvensis	1 + 0	30-40	20	1		
Mix Type	Manufacturer	% Mix		Application rate g/m²	Cut to height mm	Notes
Temporary Grass Seed Mix	To be confirmed			35	150	Seed mix to be sown over remedial works to tie in with existing revetment of Phase 1A
Ammophila arenaria						
Anthoxanthus odoratum						
Arlia caryophyllaea						
Carex arenaria						
Catapodium rigidum						
Elymus farctus						
Elymus pycnanthus						
Festuca ovina						
Festuca rubra						
Luzula campestris						
Phleum arenaria						
Poa pratensis						
Vulpia fasciculata						
Meadow Seed Mix for Sandy Soils	BFS 11 - Coastal Area Wildflower Seed Mix			5		Seed mix to be sown over back slope of revetment works between Wave wall & armour stone retaining
Bladder Campion		4				
Birds-foot Trefoil		10				
Common Cats-ear		5				
Common Knapweed		8				
Goats Beard		1				
Greater Knapweed		8				
Hoary Plantain		5				
Kidney Vetch		8				
Ladys Bedstraw		6				
Oxeye Daisy		4				
Perforate St Johns Wort		2				
Salad Burnet		5				
Selfheal		5				
Tufted Vetch		8				
Vipers Bugloss		6				
Wild Carrot		6				
Wild Thyme		1				
Yellow Toadflax		3				
Yarrow		5				
Creeping Bent		6				
Crested Dogstail		30				
Sheep's Fescue		30				
Quaking Grass		1				
Slender CRF		20				
Small Timothy		4				
Crested Hair Grass		2				
Upright Brome		5				
Yellow Oat Grass		2				
Plug Planting						
Ammophila arenaria - Marram Grass				4 plugs / sq m		plugs to be placed within back slope of revetment works