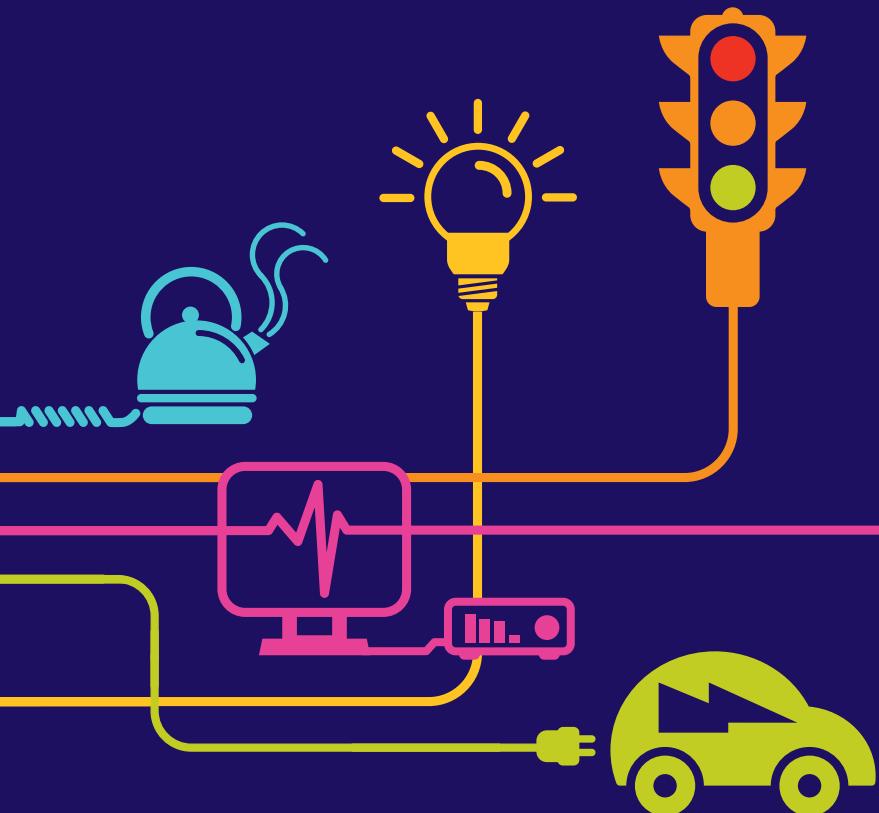


Environmental Statement Off-site Planting and Enhancement Scheme Appendices

Hinkley Point C Connection Project

*Regulation 5(2)(q) of the Infrastructure Planning
(Applications: Prescribed Forms and Procedure)
Regulations 2009*



Environmental Statement

Hinkley Point C Connection Project

5.25.2B – Off-Site Planting and Enhancement Scheme– Appendices

Appendix	Title
25A	Schedule of Enhancements
25B	Plant Palette
25C	NBS Landscape Specification
25D	Maintenance Operations
25E	Gazetteer: Key to Historic Environment Baseline Data

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13/07/15	C	Live	Update for Examining Authority Deadline 7

Appendix 25A – Schedule of Enhancements

Section A

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MA. 1.1	Sedgemoor District Council	Refer to Sedgemoor Landscape Assessment and Countryside Design Summary Revised Edition 2003; the Sedgemoor Green Infrastructure Strategy Report (May 2011) Volume 2; North Somerset Rights Of Way Improvement Plan 2007 To 2017 (Revised 2010).	NCA: 143 LLCA: L (Levels)	A1.R7	Species-Poor and Defunct & Intact Hedge & Dry Ditch;	Proposed enhancement is within and area of 'recently enclosed land'. AR22 is a sheepfold recorded from historic mapping. Historic mapping also shows this field boundary as a former drove road.	Additional Hedgerow Gap Planting with Trees	to strengthen landscape character experienced by persons travelling on the A39 Bath Road - restores a historic landscape feature (the drove road) and is consistent with historic landscape character (HLC).	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. If existing hedgerow trees are suitable new planting should be combined or replaced with tagging of existing hedgerow tree species to be managed and established into mature hedgerow trees.	107	lin. m	4	429
MA. 1.2	Sedgemoor District Council		NCA: 143 LLCA: L	A1.R5	Species-Poor and Intact Hedge & Dry Ditch;	Proposed enhancement is within an area of recently enclosed land'. - planting is unlikely to disturb any buried archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects in views from the A39 Bath Road and from properties near Crandon Bridge	Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes.	223	lin. m	(3/50Lin. M)	13
MA. 1.3	Sedgemoor District Council		NCA: 143 LLCA: L	N/A	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any buried archaeology and is consistent with HLC	Marginal Aquatic and Woodland Structure Planting	to strengthen landscape character	Supply and plant marginal aquatic planting surrounding waterbody to be planted in single species groups of no less than 4 or more than 8 of the same species at 6/m ² . Stockproof fencing perimeter throughout plant establishment. Supply and plant woodland structure planting to waterbody including 1 no. cell grown whip per m ² 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m ² . Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	53	m ²	8	425
MA. 1.4	Sedgemoor District Council		NCA: 143 LLCA: L	A1.R7	Standing Water	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any buried archaeology. - some mature trees already line Bath Road Rhyne and the planting is consistent with the HLC.	New Hedgerow Planting with Trees	to strengthen landscape character experienced by persons travelling on the A39 Bath Road	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes.	82	lin. m	5	414
MA. 1.5	Sedgemoor District Council		NCA: 143 LLCA: L	A1.R7	Standing Water with Scattered Broad Leaved Trees	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	547	lin. m	5	2733

Section A

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MA 1.6	Sedgemoor District Council		NCA: 143 LLCA: L	N/A	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any buried archaeology and is consistent with HLC	Marginal Aquatic and Woodland Structure Planting	to strengthen landscape character	Supply and plant marginal aquatic planting surrounding waterbody to be planted in single species groups of no less than 4 or more than 8 of the same species at 6/m2. Stockproof fencing perimeter throughout plant establishment. Supply and plant woodland structure planting to waterbody including 1 no. cell grown whip per m2 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m2. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	67	m2	8	532
MA 1.7	Sedgemoor District Council		NCA: 143 LLCA: L	N/A	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any buried archaeology and is consistent with HLC	Marginal Aquatic and Woodland Structure Planting	to strengthen landscape character	Supply and plant marginal aquatic planting surrounding waterbody to be planted in single species groups of no less than 4 or more than 8 of the same species at 6/m2. Stockproof fencing perimeter throughout plant establishment. Supply and plant woodland structure planting to waterbody including 1 no. cell grown whip per m2 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m2. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	68	m2	8	546
MA 1.8	Sedgemoor District Council		NCA: 143 LLCA: L	N/A	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of 'recently enclosed land'. planting is unlikely to disturb any buried archaeology (although it is adjacent to AR778, site of rifle range) and is consistent with HLC	Marginal Aquatic and Woodland Structure Planting	to strengthen landscape character across the levels	Supply and plant marginal aquatic planting surrounding waterbody to be planted in single species groups of no less than 4 or more than 8 of the same species at 6/m2. Stockproof fencing perimeter throughout plant establishment. Supply and plant woodland structure planting to waterbody including 1 no. cell grown whip per m2 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m2. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	83	m2	8	665
MA 1.9	Sedgemoor District Council		NCA: 143 LLCA: L	A1.R7	Species-Poor Defunct Hedge & Scattered Broad Leaved Trees	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any buried archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects of the Bridgwater CSE Compound experienced by persons travelling on the A39 Bath Road	Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes.	268	lin. m	(3/50Lin. M)	16
MA 1.10	Sedgemoor District Council		NCA: 143 LLCA: L	A1.R7	Outside of Phase 1 Habitat Survey	Proposed enhancement would have a negative effect on buried archaeology (AR29) the site of Roman activity. If this planting were to be implemented detailed consultation should be undertaken with SCC.	Native Woodland Structure Planting	to further reduce adverse visual effects of the Bridgwater CSE Compound experienced by persons travelling on the A39 Bath Road - this proposal would have a significant adverse effect on an area of buried archaeology and is not consistent with the historic landscape character; consult archaeology officer. Enhancement of archaeology effects would have cost implication	Supply and plant woodland structure planting with 1 no. cell grown whip per m2 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m2. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	44290	m2	1	44290
MA 1.11	Sedgemoor District Council		NCA: 143 LLCA: L	A1.R7	Species-Poor Defunct Hedge & Dry Ditch;	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any buried archaeology and is consistent with HLC.	Native Tree Planting	to further reduce adverse visual effects of the Bridgwater CSE Compound experienced by persons travelling on the A39 Bath Road	Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes.	264	lin. m	(3/50Lin. M)	16

Section A

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MA 1.12	Sedgemoor District Council		NCA: 143 LLCA: PO (Polden Hills)	A1.H25	Species-Poor Defunct Hedge & Trees and Dry Ditch;	The proposed enhancement is immediately adjacent to Knowle Park (HL78). The area of the proposed planting was part of 'The Doles', an area of parkland planting presumably associated with Knowle Park. planting is unlikely to disturb any buried archaeology. Planting would be consistent with HLC.	Native Woodland Structure Planting	to further reduce adverse visual effects - planting would also have a beneficial effect on Knowle Hall, by partially restoring the setting of the asset and planting will provide further filtering of views from within the setting of Knowle Hall towards the proposed overhead line.	Supply and plant woodland structure planting with 1 no. cell grown whip per m ² 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m ² . Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	466	m2	1	466
MA 1.13	Sedgemoor District Council		NCA: 143 LLCA: PO	A1.F8;	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of 'anciently enclosed land'.	Native Tree Planting	to strengthen landscape character and further reduce adverse visual effects for receptor travelling on the A39 Bath Road and users of PRoW BW28/1. planting is unlikely to disturb any buried archaeology and is consistent with HLC	Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes.	102	lin. m	(3/50Lin. M)	6
MA 1.14	Sedgemoor District Council		NCA: 143 LLCA: PO	A1.F7;	Native Species-Rich Hedge with Trees	Proposed enhancement is within an area of 'anciently enclosed land'. A heritage asset is recorded at this location (AR32) but it relates to former field boundaries. The planting would have no effect on this asset.	Native Tree Planting	to strengthen landscape character and further reduce adverse visual effects for users of PRoW BW28/1	Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes.	827	lin. m	(3/50Lin. M)	50
MA 1.15	Sedgemoor District Council		NCA: 143 LLCA: PO	A1.F8;	Native Species-Rich Hedge with Trees	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any buried archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects for receptor travelling on the A39 Bath Road and users of PRoW BW28/1	Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes.	106	lin. m	(3/50Lin. M)	6
MA 1.16	Sedgemoor District Council		NCA: 143 LLCA: PO	A1.F8;	Species-Poor Intact Hedge. Some scattered Broad Leaved Trees	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any buried archaeology and is consistent with HLC	Native Tree Planting	to strengthen landscape character and further reduce adverse visual effects for residents on the southeast edge of Puriton and users of PRoW BW28/2	Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes.	831	lin. m	(3/50Lin. M)	50
MA 1.17	Sedgemoor District Council		NCA: 143 LLCA: PO	A1.R12	Native Species-Rich Hedge	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any buried archaeology and is consistent with HLC	Native Tree Planting	to strengthen landscape character and further reduce adverse visual effects for users of Woolavington Road	Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes.	382	lin. m	(3/50Lin. M)	23
MA 1.18	Sedgemoor District Council		NCA: 142 LLCA: PO	A1.H28	Scattered Scrub; Species-Poor Intact Hedge	The proposed enhancement is partly within an area recorded on historic mapping as woodland ('Cat's Quarry'). The HLC is not well preserved at this location. Planting is also partly within an area recorded as 'Blacklands' (AR38) which was interpreted as a Roman industrial site	Native Woodland Structure Planting	to further reduce adverse visual effects - Planting within the former woodland is consistent with HLC. Planting could disturb buried archaeology associated with AR38. A suitable strategy for assessing and mitigating effects on buried archaeology should be determined if this planting is implemented	Supply and plant woodland structure planting with 1 no. cell grown whip per m ² 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m ² . Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	962	m2	1	962

Section A

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MA 1.19	Sedgemoor District Council		NCA: 143 LLCA: PO	A1.H29	Native Species-Rich Hedge and Conifer Hedge	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any buried archaeology. HLC is not well preserved at this location.	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes.	217	lin. m	(3/50Lin. M)	13
MA 1.20	Sedgemoor District Council		NCA: 143 LLCA: PO	A1.H29	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any buried archaeology. HLC is not well preserved at this location.	New Hedgerow Planting with Trees	to further reduce adverse visual effects and strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes.	66	lin. m	5	332
MA 1.21	Sedgemoor District Council		NCA: 143 LLCA: PO	A1.R12	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any buried archaeology. HLC is not well preserved at this location.	New Hedgerow Planting with Trees	to strengthen landscape character and further reduce adverse visual effects for users of Woolavington Road	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes.	103	lin. m	5	520

Section A

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MA 1.22	Sedgemoor District Council		NCA: 143 LLCA: PO	A1.R12	Native Species-Rich Hedge	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any buried archaeology. HLC is not well preserved at this location.	Additional Hedgerow Gap Planting	to strengthen landscape character	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open.	93	lin. m	4	373
MA 1.23	Sedgemoor District Council		NCA: 143 LLCA: PO	A1.R12	Native Species-Rich Hedge	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any buried archaeology. HLC is not well preserved at this location.	New Hedgerow Planting	to strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	101	lin. m	5	507
MA 1.24	Sedgemoor District Council		NCA: 143 LLCA: PO	A1.H30	Species-Poor Intact Hedge;	Proposed enhancement is within an area of 'anciently enclosed land'.	Native Woodland Structure Planting	to further reduce adverse visual effects - planting is unlikely to disturb any buried archaeology. -planting at this location is not consistent with HLC, but does not distract from the underlying landscape character, which is not well preserved.	Supply and plant woodland structure planting with 1 no. cell grown whip per m ² 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m ² . Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	621	m ²	1	621
MA 1.25	Sedgemoor District Council		NCA: 143 LLCA: PO	N/A	Species-Poor Intact Hedge;	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any buried archaeology. - planting is consistent with HLC.	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes.	139	lin. m	(3/50Lin. M)	8
MA 1.26	Sedgemoor District Council		NCA: 143 LLCA: PO	A1.F5; A1.F8;	Species-Poor Intact Hedge;	Proposed enhancement is within an area of 'anciently enclosed land'.	Native Tree Planting	to strengthen landscape character and further reduce adverse visual effects for users of PRoW BW28/1 and PRoW 28/2. Trees to be planted along each PRoW in groups of 3. - planting is unlikely to disturb any buried archaeology and is consistent with HLC	Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes.	200	lin. m	(3/50Lin. M)	12

Section A

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Receptor Description	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement	Description of Works	Measure	Units	Finish
			(National - NCA, and Local - LLCA)									
N/A	Sedgemoor District Council	Refer to Sedgmoor Landscape Assessment and Countryside Design Summary Revised Edition 2003; the Sedgemoor Green Infrastructure Strategy Report (May 2011) Volume 2; North Somerset Rights Of Way Improvement Plan 2007 To 2017 (Revised 2010).	NCA: 143 LLCA: PO	A1.F4; A1.F5; A1.F7;	PRoW BW28/1; PRoW BW28/2; PRoW BW2/46	The enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	PRoW Access and Signage Improvements	to improve access and signage to enhance user experience	Improvements could include new gates and signage of PRoW	1,105	lin. m	To be confirmed by Local Authority

Notes: The measure relates to national cycle routes, long distance routes, PRoW and published walks in Sections A within 1km of the Proposed Development

Section B

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MB. 1.1	Sedgemoor District Council	Refer Sedgemoor Landscape Assessment and Countryside Design Summary Revised Edition 2003; and the Sedgemoor Green Infrastructure Strategy Report (May 2011) Volume 2.	NCA: 143 LLCA: L (Levels) / PO (Polden Hills)	B1.H1; B1.H8	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen existing landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	118	lin. m	4	474
MB 1.2	Sedgemoor District Council		NCA: 142 LLCA: L	N/A	Species Poor Defunct Hedge	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb buried archaeology and is consistent with HLC	Additional Hedge Gap Planting with Trees	to strengthen existing landscape character. This planting may also marginally lessen the predicted negligible adverse effect on the setting of listed buildings within Woolavington.	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. If existing hedgerow trees are suitable new planting should be combined or replaced with tagging of existing hedgerow tree species to be managed and established into mature hedgerow trees.	328	lin. m	4	1332
MB 1.3	Sedgemoor District Council		NCA: 142 LLCA: L	B1.R3	Species-Poor Intact Hedge & Ditch and Scattered Broad Leaved Trees	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects for receptors on the B3139	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil.	241	lin. m	(3/50Lin. M)	14
MB 1.4	Sedgemoor District Council		NCA: 142 LLCA: C (Clay Levels)	B1.R3	Species-Poor Intact Hedge & Ditch and Scattered Broad Leaved Trees	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects for receptors on the B3139	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil.	31	lin. m	(3/50Lin. M)	2
MB 1.5	Sedgemoor District Council		NCA: 142 LLCA: C	N/A	Species-Poor Defunct Hedge & Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen existing landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	228	lin. m	4	914
MB 1.6	Sedgemoor District Council		NCA: 142 LLCA: C	B1.R3	Species-Poor Defunct Hedge & Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen existing landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2s whip 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	239	lin. m	4	955

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Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MB 1.7	Sedgemoor District Council		NCA: 142 LLCA: C	B1.R3	Species-Poor Defunct Hedge & Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting with Trees	to strengthen existing landscape character and further reduce adverse visual effects for receptors on the B3139	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. If existing hedgerow trees are suitable new planting should be combined or replaced with tagging of existing hedgerow tree species to be managed and established into mature hedgerow trees.	48	lin. m	4	196
MB 1.8	Sedgemoor District Council		NCA: 142 LLCA: C	B1.R3; B1.H16	Standing Water	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen existing landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	257	lin. m	5	1284
MB 1.9	Sedgemoor District Council		NCA: 142 LLCA: C	N/A	Species-Poor Defunct Hedge & Ditch	Proposed enhancement is within an area of 'recently enclosed land'. planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen existing landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	176	lin. m	4	704
MB 1.10	Sedgemoor District Council		NCA: 142 LLCA: C	B1.R3; B1.H16	Species-Poor Defunct Hedge & Ditch	Proposed enhancement is within an area of 'recently enclosed land'. planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen existing landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	144	lin. m	4	575
MB 1.11	Sedgemoor District Council		NCA: 142 LLCA: C	B1.R3; B1.H16	Species-Poor Defunct Hedge & Ditch and Scattered Broad-Leaved Tree	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen existing landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	122	lin. m	4	490
MB 1.12	Sedgemoor District Council		NCA: 142 LLCA: C	N/A	Scattered Scrub and Species Poor Defunct Hedge;	Proposed enhancement is within an area of 'anciently enclosed land', although at this location that has been altered by the construction of the Huntspill River in the 1940s.	New Hedgerow Planting	to strengthen existing landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	139	lin. m	5	697

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			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MB 1.13	Sedgemoor District Council		NCA: 142 LLCA: C	B1.M4	Scattered Scrub and Standing Water Ditch	Proposed enhancement is within an area of 'anciently enclosed land', although at this location that has been altered by the construction of the Huntspill River in the 1940s.	New Hedgerow Planting with Trees	to strengthen existing landscape character and further reduce adverse visual effects	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	178	lin. m	5	899
MB 1.14	Sedgemoor District Council		NCA: 142 LLCA: C	B1.CY1; B1.R4	Species-Poor Intact Hedge & Ditch	Proposed enhancement is within an area of 'recently enclosed land', a former field pattern is recorded in the area from aerial photographic evidence (AR42) - but given scope of planting it is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to further reduce adverse visual effects on users of National Cycle Route 3 and reinforce landscape character along National Cycle Route 3	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	119	lin. m	4	477
MB 1.15	Sedgemoor District Council		NCA: 142 LLCA: C	B1.CY1; B1.R4	Species-Poor Intact Hedge & Ditch	Proposed enhancement is within an area of 'recently enclosed land', a former field pattern is recorded in the area from aerial photographic evidence (AR42) - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to reinforce landscape character along National Cycle Route 3	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	290	lin. m	4	1161
MB 1.16	Sedgemoor District Council		NCA: 142 LLCA: C	B1.CY1; B1.R4	Species-Poor Intact Hedge & Ditch	Proposed enhancement is within an area of 'recently enclosed land', a former field pattern is recorded in the area from aerial photographic evidence (AR42) - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects on users of National Cycle Route 3 and reinforce landscape character along National Cycle Route 3	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil.	136	lin. m	(3/50Lin. M)	8
MB 1.17	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H26; B1.CY1; B1.R4.	Species-Poor Intact Hedge & Ditch and Scattered Broad-Leaved Tree	Proposed enhancement is within an area of 'recently enclosed land', a former field pattern is recorded in the area from aerial photographic evidence (AR42) - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects from Norbett Farm	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	168	lin. m	(3/50Lin. M)	10
MB 1.18	Sedgemoor District Council		NCA: 142 LLCA: C	B1.M7	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to further reduce adverse visual effects	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	136	lin. m	4	542

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Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MB 1.19	Sedgemoor District Council		NCA: 142 LLCA: C	B1.M7	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of 'recently enclosed land. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Woodland Structure Planting	to further reduce adverse visual effects from Cripps Farm	Supply and plant woodland structure planting with 1 no. cell grown whip per m ² 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m ² . Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	1229	m2	1	1229
MB 1.20	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H33	Species Poor Intact Hedge & Ditch	Proposed enhancement is within an area of 'recently enclosed land. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects from Merry Farm	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	159	lin. m	(3/50Lin. M)	10
MB 1.21	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H36	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of 'recently enclosed land. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects from Knowle View Farm	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	189	lin. m	(3/50Lin. M)	11
MB 1.22	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H35	Species Poor Intact Hedge & Ditch	Proposed enhancement is within an area of 'recently enclosed land. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects from Southwick Farm	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	265	lin. m	(3/50Lin. M)	16
MB 1.23	Sedgemoor District Council		NCA: 142 LLCA: C	B1.R10; B1.R11	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of 'recently enclosed land. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	298	lin. m	(3/50Lin. M)	18
MB 1.24	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H35	Species Poor Intact Hedge & Ditch	Proposed enhancement is within an area of 'recently enclosed land. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects from Southwick Farm	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	202	lin. m	(3/50Lin. M)	12
MB 1.25	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H35	Species Poor Intact Hedge & Ditch and Fence	Proposed enhancement is within an area of 'recently enclosed land. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects from Southwick Farm	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	241	lin. m	(3/50Lin. M)	14

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			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MB 1.26	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H35	Species Poor Defunct Hedge	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting with Trees	to further reduce adverse visual effects of Southwick House Enhancement proposal will also lessen the predicted minor adverse effect on the setting of Southwick House (a grade II listed building, LB710)	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. If existing hedgerow trees are suitable new planting should be combined or replaced with tagging of existing hedgerow tree species to be managed and established into mature hedgerow trees.	186	lin. m	4	755
MB 1.27	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H38	Species-Poor Defunct Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to further reduce adverse visual effects from Chestnut Farm	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whip 60-80cm (B) and 2 feathered tree 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	117	lin. m	4	466
MB 1.28	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H38	Species-Poor Defunct Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects from Chestnut Farm	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	242	lin. m	(3/50Lin. M)	15
MB 1.29	Sedgemoor District Council		NCA: 142 LLCA: C	B1.F7 B1.H44; B1.H45; B1.H46;	Species-Poor Defunct Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects along PRoW AX23/3 and strengthen landscape character - (the recorded site of a post medieval farm - AR61 - may relate to Yard Well Farm or adjacent buildings, but the proposed planting strengthens an existing hedgerow as shown on historic mapping and will not affect asset AR61	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	558	lin. m	(3/50Lin. M)	33
MB 1.30	Sedgemoor District Council		NCA: 142 LLCA: C	B1.F8; B1.R11	Species-Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Pollarded Willow Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant 3 Salix alba (White Willow) 20-25cm girth, 4x, Pollarded, Semi-mature, clear stem minimum 125-150cm, RB, every 50 metres including tree pit and backfilling with double timber stake and topsoil. All trees shall be maintained and pruned to achieve an appropriate Pollarded form.	934	lin. m	(3/50Lin. M)	56
MB 1.31	Sedgemoor District Council		NCA: 142 LLCA: C	N/A	Species-Poor Defunct Hedge	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	365	lin. m	4	1458

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			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MB 1.32	Sedgemoor District Council		NCA: 142 LLCA: C	B1.F7; B1.R11; B1.H44; B1.H45; B1.H46;	Species-Poor Defunct Hedge	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	592	lin. m	4	2367
MB 1.33	Sedgemoor District Council		NCA: 142 LLCA: C	B1.F7 B1.H44; B1.H45; B1.H46;	Running Water	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Crack Willow Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.	4	nr	Individual Trees as shown on plans	4
MB 1.34	Sedgemoor District Council		NCA: 142 LLCA: C	N/A	Species-Poor Defunct Hedge	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerows to be planted with 2 whips 60-80cm (B) and 2 feathered tree 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	303	lin. m	4	1213
MB 1.35	Sedgemoor District Council		NCA: 142 LLCA: C	B1.F7 B1.H44; B1.H45; B1.H46;	Running Water	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.	115	lin. m	(3/50Lin. M)	7
MB 1.36	Sedgemoor District Council		NCA: 142 LLCA: C	B1.F8 B1.H512 to B1.H56	Running Water	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.	159	lin. m	(3/50Lin. M)	10
MB 1.37	Sedgemoor District Council		NCA: 142 LLCA: C	B1.F8 B1.H512 to B1.H56	Running Water	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.	417	lin. m	(3/50Lin. M)	25
MB 1.38	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H52; B1.H3; H1.54; B1.H55	Running Water	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Crack Willow Planting	to further reduce adverse visual effects on listed buildings in Mark Causeway and strengthen landscape character	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.	5	nr	Individual Trees as shown on plans	5
MB 1.39	Sedgemoor District Council		NCA: 142 LLCA: C	N/A	Scattered Broad Leaved Tree and Scrub	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting with Trees	to strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	84	lin. m	5	427

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			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MB 1.40	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H51; B1.H52; B1.H53; B1.H54;	Species-Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	68	lin. m	4	273
MB 1.41	Sedgemoor District Council		NCA: 142 LLCA: C	N/A	Species-Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	391	lin. m	4	1563
MB 1.42	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H50; B1.R13	Standing Water	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to further reduce adverse visual effects on Wainbridge Farmhouse -The proposed planting would also lessen the predicted minor adverse effect on grade II listed Wainbridge Farm (LB723)	Supply and plant double staggered hedge consisting of 5 whips 60-80cm (B) per linear metre including rabbit guards, stakes and fixings. Stockproof fencing throughout plant establishment.	284	lin. m	5	1422
MB 1.43	Sedgemoor District Council		NCA: 142 LLCA: C	N/A	Standing Water	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting with Trees	to strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	178	lin. m	5	901
MB 1.44	Sedgemoor District Council		NCA: 142 LLCA: C	B1.F12	Species-Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Crack Willow Planting	to further reduce adverse visual effects of PRoW AX23/10 and strengthen landscape character	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.	4	nr	Individual Trees as shown on plans	4
MB 1.45	Sedgemoor District Council		NCA: 142 LLCA: C	B1.F12	Species-Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Crack Willow Planting	to further reduce adverse visual effects of PRoW AX23/10 and strengthen landscape character	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.	5	nr	Individual Trees as shown on plans	5
MB 1.46	Sedgemoor District Council		NCA: 142 LLCA: C	N/A	Species-Poor Defunct Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	260	lin. m	4	1040

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Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MB 1.47	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H77	Species-Poor Intact Hedge and Ditch, Scattered Scrub and Broad Leaved Trees	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting with Trees	to further reduce adverse visual effects	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. If existing hedgerow trees are suitable new planting should be combined or replaced with tagging of existing hedgerow tree species to be managed and established into mature hedgerow trees.	136	lin. m	4	553
MB 1.48	Sedgemoor District Council		NCA: 142 LLCA: C	N/A	Species-Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	253	lin. m	(3/50Lin. M)	15
MB 1.49	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H73; B1.H74; B1.H75; B1.H76	Species-Poor Intact Hedge and Dry Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	188	lin. m	(3/50Lin. M)	11
MB 1.50	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H81; B1.H82	Running Water; Species-Poor Defunct Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting with Trees	to further reduce adverse visual effects and strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	185	lin. m	5	934
MB 1.51	Sedgemoor District Council		NCA: 142 LLCA: C	N/A	Species-Poor Intact Hedge and Dry Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	196	lin. m	(3/50Lin. M)	12
MB 1.52	Sedgemoor District Council		NCA: 142 LLCA: C	B1.F14; B1.H82	Standing Water and Scattered Scrub	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting with Trees	to further reduce adverse visual effects and strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	243	lin. m	5	1232

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Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MB 1.53	Sedgemoor District Council		NCA: 142 LLCA: C	B1.F14; B1.H82	Species-Poor Defunct Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting with Trees	to further reduce adverse visual effects and strengthen landscape character	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open.	175	lin. m	4	712
MB 1.54	Sedgemoor District Council		NCA: 142 LLCA: C	N/A	Species-Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to strengthen landscape character	Supply and plant 3 individual standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. If existing hedgerow trees are suitable new planting should be combined or replaced with tagging of existing hedgerow tree species to be managed and established into mature hedgerow trees.	296	lin. m	(3/50Lin. M)	18
MB 1.55	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H83; B1.H84;	Species-Poor Defunct Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	364	lin. m	5	1821
MB 1.56	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H84	Species-Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to strengthen landscape character	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	315	lin. m	(3/50Lin. M)	19
MB 1.57	Sedgemoor District Council		NCA: 142 LLCA: C	N/A	Standing Water	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character - the proposed planting could also lessen the predicted minor adverse effect on the setting of Vole House (LB741)	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	450	lin. m	5	2250
MB 1.58	Sedgemoor District Council		NCA: 142 LLCA: C	B1.F18	Species-Poor Defunct Hedge and Ditch and Species-Poor Defunct Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. Enhancement is adjacent to HL34, Pillrow Wall/ Pillrow Cut, a medieval canal, but will not affect this asset	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil.	696	lin. m	(3/50Lin. M)	42

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Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MB 1.59	Sedgemoor District Council		NCA: 142 LLCA: C	B1.H95	Scattered Scrub and Species Poor Defunct Hedge;	Proposed enhancement is within an area of 'recently enclosed land'. Enhancement is adjacent to HL34, Pillrow Wall/ Pillrow Cut, a medieval canal, but will not affect this asset	Additional Hedge Gap Planting with Trees	to further reduce adverse visual effects and strengthen landscape character This enhancement could affect asset AR70, the site of Pillrow Farm (no longer extant). A suitable strategy for assessing and mitigating effects on buried archaeology should be determined if this planting is implemented	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. If existing hedgerow trees are suitable new planting should be combined or replaced with tagging of existing hedgerow tree species to be managed and established into mature hedgerow trees.	282	lin. m	4	1145
MB 1.60	Sedgemoor District Council		NCA: 142 LLCA: L	B1.H95	Standing Water and Scattered Scrub	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to further reduce adverse visual effects	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	125	lin. m	5	623
MB 1.61	Sedgemoor District Council		NCA: 142 LLCA: L	B1.F21	Standing Water and Species- Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'anciently enclosed land'.	New Crack Willow Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.	4	nr	Individual Trees as shown on plans	4
MB 1.62	Sedgemoor District Council		NCA: 142 LLCA: C	N/A	Standing Water and Species- Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	376	lin. m	4	1502
MB 1.63	Sedgemoor District Council		NCA: 142 LLCA: L	B1.F21	Standing Water and Species- Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	New Crack Willow Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.	4	nr	Individual Trees as shown on plans	4
MB 1.64	Sedgemoor District Council		NCA: 142 LLCA: L	B1.H109	Species-Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	250	lin. m	(3/50Lin. M)	15
MB 1.65	Sedgemoor District Council		NCA: 142 LLCA: L	N/A	Species-Poor Defunct Hedge and Ditch	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	146	lin. m	4	584

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Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MB 1.66	Sedgemoor District Council		NCA: 142 LLCA: L	B1.H103; B1.H106; B1.F24	Species-Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	302	lin. m	(3/50Lin. M)	18
MB 1.67	Sedgemoor District Council		NCA: 142 LLCA: L	B1.H108	Outside of Phase 1 Survey	Proposed enhancement is within an area of 'anciently enclosed land'. planting is unlikely to disturb any archaeology, although it is adjacent to AR75, the area of Tarnock pre-medieval settlement. Planting at this location is not consistent with HLC, but does not distract from the underlying landscape character.	Native Woodland Structure Planting	to further reduce adverse visual effects -The potential for effects on buried archaeology would require confirmation prior to any planting in this area.	Supply and plant woodland structure planting with 1 no. cell grown whip per m ² 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m ² . Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	7847	m ²	1	7847
MB 1.68	Sedgemoor District Council		NCA: 142 LLCA: L	B1.F24	Species-Poor Defunct Hedge and Ditch	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting with Trees	to further reduce adverse visual effects and strengthen landscape character; planting would soften effects on views from within the setting of LB264 (St John's Church, Biddisham)	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings. Allow for 3 standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil to be planted as groups. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	572	lin. m	4	2322
MB 1.69	Sedgemoor District Council		NCA: 142 LLCA: L	B1.R36	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Pollarded Willow Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant 3 Salix alba (White Willow) 20-25cm girth, 4x, Pollarded, Semi-mature, clear stem minimum 125-150cm, RB, every 50 metres including tree pit and backfilling with double timber stake and topsoil. All trees shall be maintained and pruned to achieve an appropriate Pollarded form.	22	nr	Individual Trees as shown on plans	22
MB 1.70	Sedgemoor District Council		NCA: 142 LLCA: L	B1.R36	Species-Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	408	lin. m	(3/50Lin. M)	24
MB 1.71	Sedgemoor District Council		NCA: 142 LLCA: C	B1.R13; B1.H50; B1.H51; B1.H52;	Species-Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'recently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	150	lin. m	(3/50Lin. M)	9
MB 1.72	Sedgemoor District Council		NCA: 142 LLCA: L	B1.H124 to B1.H128	Species-Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects and enhance landscape character	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	500	lin. m	(3/50Lin. M)	30
MB 1.73	Sedgemoor District Council		NCA: 142 LLCA: L	B1.H108; B1.H103; B1.H106; B1.H107; B1.R28;	Species-Poor Intact Hedge and Ditch	Proposed enhancement is within an area of 'anciently enclosed land'. - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects and enhance landscape character	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	118	lin. m	(3/50Lin. M)	7

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Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Receptor Description	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement	Description of Works	Measure	Units	Finish
			(National - NCA, Local - LLCA)									
MBPR 1	Sedgemoor District Council	Refer Sedgemoor Landscape Assessment and Countryside Design Summary Revised Edition 2003; and the Sedgemoor Green Infrastructure Strategy Report (May 2011) Volume 2.	NCA: 142 NCA 143; LLCA: L; LLCA PO	B2.S1	National Cycle Route 33	The enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area (e.g. Pilrow Cut).	Long Distance Routes Access and Signage Improvements	to improve access, condition and signage to enhance user experience of the local landscape and views along existing recreational routes	Improvements could include improving the condition, access and signage of PRoWs, cycle and bridleways including new gates, signage and visitor interpretation boards.	4,342	lin. m	To be confirmed by Local Authority
N/A	Sedgemoor District Council	Refer Sedgemoor Landscape Assessment and Countryside Design Summary Revised Edition 2003; and the Sedgemoor Green Infrastructure Strategy Report (May 2011) Volume 2.	NCA: 142 LLCA: L	B1.F3; B1.F7; B1.F8; B1.F12; B1.F15; B1.F18; B1.F21;	PRoW BW37/12 PRoW AX23/3; PRoW AX23/5; PRoW AX23/10; PRoW AX23/14; PRoW AX17/30; PRoW AX17/12;	The enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area (e.g. Pilrow Cut).	PRoW Access and Signage Improvements	to improve access, condition and signage to enhance user experience of the local landscape and views along existing recreational routes	Improvements could include new gates and signage of PRoW	4,936	lin. m	To be confirmed by Local Authority

Notes: The measure relates to national cycle routes, long distance routes, PRoW and published walks in Sections B within 1km of the Proposed Development

Section C

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² :	
MC 1.1	Sedgemoor District Council	- North Somerset Landscape Character Assessment, Supplementary Planning Document, Somerset County Council, December 2005;	NCA: 141 LLCA: SB (Strawberry Belt and Footslopes)	N/A	Outside of Phase 1 Habitat Survey	Enhancement is within area of post medieval period enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character experienced by receptors travelling on Barton Rd	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	116	lin. m	5	581
MC 1.2	Sedgemoor District Council	- Draft Mendip Hills Area of Outstanding Natural Beauty (AONB) Management Plan, July 2013; - Landscape Assessment of the Mendip Hills, May 1996.	NCA: 141 LLCA: SB	N/A	Fence and Scattered Broadleaf trees	Enhancement is within area of post medieval period enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character experienced by receptors travelling on the M5 Motorway	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	147	lin. m	5	737
MC 1.3	Sedgemoor District Council	- North Somerset Rights Of Way Improvement Plan 2007 To 2017 (Revised 2010)	NCA: 141 LLCA: SB	N/A	Species-Poor Defunct Hedge & Trees and Ditch	Enhancement is within area of post medieval period enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character experienced by receptors travelling on the M5 Motorway	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	90	lin. m	4	358
MC 1.4	North Somerset Council	NCA: 141 LLCA: B2 (Lox Yeo River Floodplain)	N/A	Species-Poor Defunct Hedge & Trees and Ditch	Enhancement is within area of post medieval period enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character experienced by receptors travelling on the M5 Motorway	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	183	lin. m	4	732	
MC 1.5	North Somerset Council	NCA: 141 LLCA: B2	N/A	Native Species Rich Hedge & Trees and Dry Ditch	Enhancement is within area of post medieval period enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character experienced by receptors travelling on the M5 Motorway	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	209	lin. m	4	836	
MC 1.6	North Somerset Council	NCA: 141 LLCA: B2	N/A	Species-Poor Intact Hedge	Enhancement is within area of post medieval period enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to strengthen landscape character	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	196	lin. m	(3/50Lin. M)	12	
MC 1.7	North Somerset Council	NCA: 141 LLCA: B2/J1	N/A	Species-Poor Intact Hedge	Enhancement is within area of post medieval period enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to strengthen landscape character	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	162	lin. m	(3/50Lin. M)	10	
MC 1.8	North Somerset Council	NCA: 141 LLCA: B2/J1	N/A	Species-Poor Intact Hedge & Trees	Enhancement is within area of post medieval period enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to strengthen landscape character experienced by receptors of PRow AX29/28	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	185	lin. m	(3/50Lin. M)	11	
MC 1.9	North Somerset Council	NCA: 141 LLCA: B2/J1 (Lox Yeo Rolling Valley Farmland)	N/A	Species-Poor Intact Hedge	Enhancement is within area of post medieval period enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to strengthen landscape character experienced by receptors of PRow AX29/28	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	159	lin. m	(3/50Lin. M)	10	

Section C

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² :	
MC 1.10	Sedgemoor District Council		NCA: 141 LLCA: B2/J1 (Lox Yeo Rolling Valley Farmland)	N/A	Sparingly vegetated section of river	Enhancement is within area of post medieval period enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	<p>The 400kV underground cable route will pass beneath the Lox Yeo River which is designated as a local wildlife site and lists river lamprey (a species listed on Annex II of the EU Habitats Directive) amongst the species present in the river. The Environment Agency also has anecdotal evidence that the watercourse supports trout. The Environment Agency has suggested that planting trees along the river bank of the Lox Yeo River, would provide shading of the water and help counteract any potential heating effects of the buried cables.</p> <p>This section of the Lox Yeo River is sparsely vegetated, therefore would be an appropriate location for planting small, scattered groups of trees along the river bank to provide shade. This approach would provide cooler shaded areas for salmonids and in time may also provide additional sheltering habitat for otter without shading out the entire watercourse.</p> <p>A further benefit of tree planting along the river bank could be to improve foraging and commuting habitat for bats, in particular horseshoe bats associated with the nearby Mendip Limestone Grassland Special Area of Conservation (SAC) and the further afield North Somerset and Mendip Bats SAC.</p>	<p>Supply and plant groups of 3 to 6 individual standard trees 14-16cm girth (RB) approximately every 50 to 100 metres including tree pit and backfilling with double timber stake and topsoil.</p> <p>This planting could occur along the entire stretch, but favouring some tree planting in the eastern extent (near the underground cable swathe) would be preferential.</p>	3046	lin. m	(3/50Lin. M)	183
MC 1.11	North Somerset Council		NCA: 141 LLCA: B2/J1 (Lox Yeo Rolling Valley Farmland)	N/A	Sparingly vegetated section of river	Enhancement is within area of post medieval period enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	<p>The 400kV underground cable route will pass beneath the Lox Yeo River which is designated as a local wildlife site and lists river lamprey (a species listed on Annex II of the EU Habitats Directive) amongst the species present in the river. The Environment Agency also has anecdotal evidence that the watercourse supports trout. The Environment Agency has suggested that planting hedgerow along the Lox Yeo River, over the underground cable swathe, would provide shading of the water and help counteract any potential heating effects of the buried cables.</p> <p>This section of the Lox Yeo River is sparsely vegetated. therefore would be an appropriate location for planting hedgerow as trees cannot be planted over the underground cable swathe.</p>	<p>Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.</p> <p>This hedgerow planting would occur across the underground cable swathe.</p>	238	lin. m	5	1190

Section C

Enhancement Reference No.	Local Authority	Published Landscape Guidelines	Landscape Character Areas	ES Visual Receptor Reference	Receptor Description	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement	Description of Works	Measure	Units	Finish
			(National - NCA, Local- LLCA)									
MCPR 1	Sedgemoor District Council	- North Somerset Landscape Character Assessment, Supplementary Planning Document, Somerset County Council, December 2005; - Draft Mendip Hills Area of Outstanding Natural Beauty (AONB) Management Plan, July 2013; - Landscape Assessment of the Mendip Hills, May 1996. - North Somerset Rights Of Way Improvement Plan 2007 To 2017 (Revised 2010)	NCA: 141 LLCA: E1; LLCA: J1; LLCA: B2; LLCA: SB;	C2.S1	West Mendip Way	The enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	Long Distance Routes Access and Signage Improvements	to improve access, condition and signage to enhance user experience of the local landscape and views along existing recreational routes.	Improvements could include improving the condition, access and signage of PRoWs, cycle and bridleways including new gates, signage and visitor interpretation boards.	2,052	lin. m	To be confirmed by Local Authority
MCPR 2	North Somerset Council	- North Somerset Landscape Character Assessment, Supplementary Planning Document, Somerset County Council, December 2005; - Draft Mendip Hills Area of Outstanding Natural Beauty (AONB) Management Plan, July 2013; - Landscape Assessment of the Mendip Hills, May 1996. - North Somerset Rights Of Way Improvement Plan 2007 To 2017 (Revised 2010)	NCA: 141 LLCA: E1; LLCA: J1; LLCA: B2; LLCA: SB;	C2.S1	West Mendip Way	The enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	Long Distance Routes Access and Signage Improvements	to improve access, condition and signage to enhance user experience of the local landscape and views along existing recreational routes.	Improvements could include improving the condition, access and signage of PRoWs, cycle and bridleways including new gates, signage and visitor interpretation boards.	2,303	lin. m	To be confirmed by Local Authority
MCPR 4	North Somerset Council			C2.S4	Strawberry Line and National Cycle Route 26	The enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	Long Distance Routes Access and Signage Improvements	to improve access, condition and signage to enhance user experience of the local landscape and views along existing recreational routes.	Improvements could include improving the condition, access and signage of the footpath cycleway including new footpath surfacing, new gates, signage and visitor interpretation boards.	1,812	lin. m	To be confirmed by Local Authority
MCPR 3	Sedgemoor District Council	- North Somerset Landscape Character Assessment, Supplementary Planning Document, Somerset County Council, December 2005; - Draft Mendip Hills Area of Outstanding Natural Beauty (AONB) Management Plan, July 2013; - Landscape Assessment of the Mendip Hills, May 1996. - North Somerset Rights Of Way Improvement Plan 2007 To 2017 (Revised 2010)	NCA: 141 LLCA: E1; LLCA: J1; LLCA: B2; LLCA: SB;	C1.F4; C2.S1;	PRoW AX15/1; West Mendip Way	The enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	Long Distance Routes Access and Signage Improvements	Contribution of £15,260.18 to be paid to Somerset County Council toward the cost of diverting PRoW AX15/1, part of the West Mendip Way long distance route. To improve access, condition and signage to enhance user experience of the local landscape and views along existing recreational routes.	Improvements could include improving the condition, access and signage of PRoWs, cycle and bridleways including new gates, signage and visitor interpretation boards.	10,597	lin. m	To be confirmed by Local Authority

Notes: The measure relates to national cycle routes, long distance routes, PRoW and published walks in Section C within 1km of the Proposed Development

Section D

Enhancement Reference No.	Council	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MD 1.1	North Somerset Council	North Somerset Rights Of Way Improvement Plan 2007 To 2017 (Revised 2010). North Somerset Landscape Character Assessment, - Supplementary Planning Document, Somerset County Council, (December 2005).	NCA:142 LLCA:A4; LLCA J2	D1.F1	Species-Rich Intact Hedge & Ditch;	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects west of PRoW AX29/48	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	398	lin. m	(3/50Lin. M)	24
MD1.2	North Somerset Council		NCA:142 LLCA:A4; LLCA J2			Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	147	lin. m	4	587
MD 1.3	North Somerset Council		NCA:142 LLCA:A4; LLCA J2			Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	282	lin. m	4	1128
MD 1.4	North Somerset Council		NCA:142 LLCA:A4; LLCA J2			Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	713	lin. m	4	2851
MD 1.5	North Somerset Council		NCA:142 LLCA:A4; LLCA J2			Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	119	lin. m	4	475
MD 1.6	North Somerset Council		NCA:142 LLCA:A4; LLCA J2			Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	94	lin. m	4	375
MD 1.7	North Somerset Council		NCA:142 LLCA:A4; LLCA J3	D1.F1	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects west of Rookery Farm and PRoW AX29/48	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	935	lin. m	(3/50Lin. M)	56
MD 1.8	North Somerset Council		NCA: 142 LLCA: A1	D1.H17; D1.F7	Species-Rich Intact Hedge & Ditch;	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects west of Rookery Farm and PRoW AX29/48	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil.	291	lin. m	(3/50Lin. M)	17

Section D

Enhancement Reference No.	Council	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MD 1.9	North Somerset Council		NCA: 142 LLCA: A4	D1.R5	Outside of Phase 1 Habitat Survey. Hedgerow planting along road at western edge of Puxton Moors SSSI. Works must avoid entering SSSI. Any works within SSSI will require consent from Natural England.	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character by extending hedgerow along Puxton Lane	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	125	lin. m	5	625
MD 1.10	North Somerset Council		NCA: 142 LLCA: A6	D1.R5; D1.F8; D1.F9	Species-Poor Defunct Hedge;	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting with Trees	to further reduce adverse visual effects west of PRoW AX3/42	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. If existing hedgerow trees are suitable new planting should be combined or replaced with tagging of existing hedgerow tree species to be managed and established into mature hedgerow trees.	307	lin. m	4	1248
MD 1.11	North Somerset Council		NCA: 142 LLCA: A6	D1.B3; D1.H20; D1.H27	Running Water; Scattered Scrub	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Crack Willow Planting	to strengthen landscape character	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.	6	nr	Individual Trees as shown on Plans	6
MD 1.12	North Somerset Council		NCA: 142 LLCA: A4	D1.H26; D1.H28; D1.H29	Running Water / Species-Poor Defunct Hedge & Ditch; Scattered Scrub;	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting with Trees	to further reduce adverse visual effects east of Nye Farm The proposed planting may also lessen the predicted adverse effect on Nye Farm Scheduled Monument (SM184)	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	731	lin. m	5	3696
MD 1.13	North Somerset Council		NCA: 142 LLCA: A1	D1.H14	Species-Rich Intact Hedge;	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects east of Nye Farm The proposed planting may also lessen the predicted adverse effect on Nye Farm Scheduled Monument (SM184)	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	190	lin. m	(3/50Lin. M)	11

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Enhancement Reference No.	Council	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MD 1.14	North Somerset Council		NCA: 142 LLCA: A4	D1.H14	Running Water; Scattered Scrub	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting with Trees	to strengthen landscape character and further reduce adverse visual effects	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	227	lin. m	5	1146
MD 1.15	North Somerset Council		NCA: 142 LLCA: A4	D1.CY3	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting with Trees	to strengthen landscape character and further reduce adverse visual effects for receptors travelling along the Strawberry Line	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	270	lin. m	5	1364
MD 1.16	North Somerset Council		NCA: 142 LLCA: A4	D1.CY3	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	148	lin. m	5	739
MD 1.17	North Somerset Council		NCA: 142 LLCA: A4	D1.CY3	Running Water / Species-Poor Intact Hedge / Standing Water / Species-Poor Defunct Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	448	lin. m	5	2242
MD 1.18	North Somerset Council		NCA: 142 LLCA: A4	D1.CY3	Species-Poor Defunct Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	201	lin. m	4	804
MD 1.19	North Somerset Council		NCA: 142 LLCA: A4	D1.CY3	Species-Poor Defunct Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	205	lin. m	4	820
MD 1.20	North Somerset Council		NCA: 142 LLCA: A4	D1.CY3	Species-Poor Defunct Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character for receptors using PRoW AX24/7A	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	217	lin. m	4	866

Section D

Enhancement Reference No.	Council	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MD 1.21	North Somerset Council		NCA: 142 LLCA: A4	D1.F11	Standing Water / Species-Poor Defunct Hedge Habitat Survey. Hedgerow planting adjacent to edge of Puxton Moors SSSI. Works must avoid entering SSSI. Any works within SSSI will require consent from Natural England.	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character for receptors using PRoW AX24/7A	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	199	lin. m	4	797
MD 1.22	North Somerset Council		NCA: 142 LLCA: A4	N/A	Standing Water / Species-Poor Defunct Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	186	lin. m	4	744
MD 1.23	North Somerset Council		NCA: 142 LLCA: A4	D1.F20	Running Water / Scattered Scrub / Species-Poor Defunct Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character for receptors using PRoW AX24/5	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	197	lin. m	5	984
MD 1.24	North Somerset Council		NCA: 142 LLCA: A4	D1.F20; D1.F29	Standing Water / Species-Poor Intact Hedge / Scattered Scrub /Scattered Broad Leaved Tree	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects for receptors using PRoW AX24/5 and PRoW AX16/22	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	155	lin. m	(3/50Lin. M)	9
MD 1.25	North Somerset Council		NCA: 142 LLCA: A4	D1.H58	Running; Standing Water	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Woodland Structure Planting	to further reduce adverse visual effects of Proposed Development and screen undesirable views of D1.H58 from D1.R13.	Supply and plant woodland structure planting with 1 no. cell grown whip per m2 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m2. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	1731	m2	1	1731
MD 1.26	North Somerset Council		NCA: 142 LLCA: A1	D1.H58	Scattered Broad-Leaved Tree	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Woodland Structure Planting	to further reduce adverse visual effects of Proposed Development and screen undesirable views of D1.H58 from D1.R13.	Supply and plant woodland structure planting with 1 no. cell grown whip per m2 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m2. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	1459	m2	1	1459
MD 1.27	North Somerset Council		NCA: 142 LLCA: A2	D1.H58	Standing Water	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting with Trees	to strengthen landscape character and further reduce adverse visual effects	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	99	lin. m	5	501

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Enhancement Reference No.	Council	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MD 1.28	North Somerset Council	NCA: 142 LLCA: A1	D1.F31	Running Water / Scattered Scrub	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Crack Willow Planting	to further reduce adverse visual effects of receptors using PRoW AX16/64	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.		4	nr	Individual Trees as shown on Plans	4
MD 1.29	North Somerset Council		D1.F36	Species-Poor Intact Hedge & Ditch with Scattered Broad Leaved Trees	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Crack Willow Planting	to further reduce adverse visual effects of PRoW LA21/31	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.		6	nr	Individual Trees as shown on Plans	6
MD 1.30	North Somerset Council		D1.F36	Running Water with Scattered Scrub	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Crack Willow Planting	to further reduce adverse visual effects of PRoW LA21/40	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.		4	nr	Individual Trees as shown on Plans	4
MD 1.31	North Somerset Council		D1.H65	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects east of Nye Farm The proposed planting may also lessen the predicted adverse effect on Horsecastle Farm (Beehive Farm on historic mapping) (BH27)	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.		95	lin. m	(3/50Lin. M)	6
MD 1.32	North Somerset Council		D1.F36; D1.H65; D1.H66	Species-Poor Intact Hedge & Ditch with Scattered Broad Leaved Trees	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects of PRoW LA21/40	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.		302	lin. m	(3/50Lin. M)	18
MD 1.33	North Somerset Council		D1.F36; D1.H65; D1.H66	Species-Poor Intact Hedge & Ditch with Scattered Broad Leaved Trees	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects of PRoW LA21/40	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.		215	lin. m	(3/50Lin. M)	13
MD 1.34	North Somerset Council		D1.H73	Species -Poor Intact Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to strengthen landscape character and further reduce adverse visual effects of Riverside House	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.		222	lin. m	(3/50Lin. M)	13
MD 1.35	North Somerset Council		D1.R18	Species-Poor Defunct Hedge & Ditch;	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.		259	lin. m	4	1035
MD 1.36	North Somerset Council		D1.R18; D1.M3	Running Water	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Crack Willow Planting	to further reduce adverse visual effects	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.		4	nr	Individual Trees as shown on Plans	4

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Enhancement Reference No.	Council	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 m; Structure Planting 1 per m ² ;	
MD 1.37	North Somerset Council		NCA: 142 LLCA: A1	D1.R18	Running Water	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting with Trees	to strengthen landscape character and further reduce adverse visual effects	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	83	lin. m	5	419
MD 1.38	North Somerset Council		NCA: 142 LLCA: A1	D1.H80; D1.M3; D1.R18	Species-Poor Defunct Hedge & Ditch;	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting with Trees	to strengthen landscape character	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. If existing hedgerow trees are suitable new planting should be combined or replaced with tagging of existing hedgerow tree species to be managed and established into mature hedgerow trees.	105	lin. m	2	215
MD 1.39	North Somerset Council		NCA: 142 LLCA: A2	D1.R35	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Woodland Structure Planting	to further reduce adverse visual effects on the M5 Motorway	Supply and plant woodland structure planting with 1 no. cell grown whip per m2 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m2. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	2071	m2	1	2071
MD 1.40	North Somerset Council		NCA: 142 LLCA: A1	D1.H75; D1.H76; D1.H77; D1.H78	Species-Rich Intact Hedge & Ditch;	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects on Lamley Farmhouse -The proposed planting may also lessen the predicted adverse effect on the setting of grade II listed Lamley Farmhouse (LB957)	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	209	lin. m	(3/50Lin. M)	13

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			(National - NCA Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MD 1.41	North Somerset Council		NCA: 142 LLCA: A1	D1.H77	Species-Poor Defunct Hedge & Ditch;	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting with Trees	to strengthen landscape character and further reduce adverse visual effects on Lampley Farmhouse	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open.	96	lin. m	4	388
MD 1.42	North Somerset Council		NCA: 142 LLCA: A1	D1.R16	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character by extending hedgerow along the B3133 North End Road	Supply and plant double staggered hedge consisting of 5 whips 60-80cm (B) per linear metre including rabbit guards, stakes and fixings. Stockproof fencing throughout plant establishment.	136	lin. m	5	680
MD 1.43	North Somerset Council		NCA: 142 LLCA: A1	D1.H88; D1.H71	Mostly outside of Phase 1 Habitat Survey / Areas of Species-Poor Intact Hedge & Ditch	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects on Lampley Farmhouse	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	943	lin. m	(3/50Lin. M)	57
MD 1.44	North Somerset Council		NCA: 142 LLCA: A1	D1.H88	Species-Rich Intact Hedge & Ditch;	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects on Hope Farm	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	113	lin. m	(3/50Lin. M)	7
MD 1.45	North Somerset Council		NCA: 142 LLCA: A1	D1.H89	Species-Rich Intact Hedge & Ditch;	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil.	88	lin. m	(3/50Lin. M)	5
MD 1.46	North Somerset Council		NCA: 142 LLCA: A1	D1.F40; D1.F44	Species-Poor Intact Hedge & Ditch with Scattered Trees	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to strengthen landscape character and further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	538	lin. m	(3/50Lin. M)	32

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			(National - NCA Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MD 1.47	North Somerset Council	NCA: 142 LLCA: A1	Species-Poor Defunct Hedge & Ditch	N/A	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting with Trees	to strengthen landscape character and further reduce adverse visual effects	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open.	75	lin. m	2	155	
MD 1.48	North Somerset Council		Species-Poor Intact Hedge & Ditch with Scattered Trees	N/A	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to strengthen landscape character and further reduce adverse visual effects	Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. If existing hedgerow trees are suitable new planting should be combined or replaced with tagging of existing hedgerow tree species to be managed and established into mature hedgerow trees.					
MD 1.49	North Somerset Council		Running Water	N/A	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	206	lin. m	5	1031	
MD 1.50	North Somerset Council	NCA: 142 LLCA: A1	D1.H99	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Woodland Structure Planting	to further reduce adverse visual effects	Supply and plant woodland structure planting with 1 no. cell grown whip per m ² 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m ² . Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	529	m ²	1	529	
MD 1.51	North Somerset Council	NCA: 142 LLCA: A3	D1.H100	Species-Poor Intact Hedge;	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects - the proposed planting may also lessen the predicted adverse effect on the setting of grade II listed Manor Farmhouse (LB969)	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	98	lin. m	(3/50Lin. M)	6	
MD 1.52	North Somerset Council	NCA: 142 LLCA: A3	D1.CY6; D1.R23	Fence	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	372	lin. m	5	1862	
MD 1.53	North Somerset Council	NCA: 142 LLCA: A3	D1.R25	Species-Poor Intact Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	261	lin. m	(3/50Lin. M)	16	

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			(National - NCA Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MD 1.54	North Somerset Council		NCA: 142 LLCA: A3	D1.R25	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	140	lin. m	5	700
MD 1.55	North Somerset Council		NCA: 142 LLCA: A3	D1.R25	Wall	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	81	lin. m	5	404
MD 1.56	North Somerset Council		NCA: 142 LLCA: A3	D1.R25; D1.H122	Outside of Phase 1 Habitat Survey / Species-Poor Intact Hedge Tree planting along road at western edge of Nailsea Moors SSSI. Works must avoid entering SSSI. Any works within SSSI will require consent from Natural England.	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	458	lin. m	(3/50Lin. M)	27
MD 1.57	North Somerset Council		NCA: 142 LLCA: A3	D1.H123	Species-Poor Intact Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	175	lin. m	(3/50Lin. M)	10
MD 1.58	North Somerset Council		NCA: 142 LLCA: A3	D1.H131; D1.H132	Species-Poor Intact Hedge & Ditch	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	149	lin. m	(3/50Lin. M)	9
MD 1.59	North Somerset Council		NCA: 142 LLCA: A3	N/A	Species-Poor Intact Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	136	lin. m	(3/50Lin. M)	8
MD 1.60	North Somerset Council		NCA: 142 LLCA: A3	D1.F52	Species-Poor Intact Hedge Tree planting on the edge of Nailsea Moors SSSI . Works must avoid entering SSSI. Any works within SSSI will require consent from Natural England.	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	140	lin. m	(3/50Lin. M)	8

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Enhancement Reference No.	Council	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MD 1.61	North Somerset Council		NCA: 142 LLCA: A3	D1.F53; D1.H151; D1.B22	Wall Tree planting on the edge of Nailsea Moors SSSI. Works must avoid entering SSSI. Any works within SSSI will require consent from Natural England.	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects -the proposed planting at this location may also lessen the predicted adverse effect on the setting of grade I, II* and II listed buildings at Tickenham (LB 85, 350, 1029, 1031-1033)	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	195	lin. m	(3/50Lin. M)	12
MD 1.62	North Somerset Council		NCA: 142 LLCA: A3	D1.H149; D1.H162; D1.F51	Running Water	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects -the proposed planting at this location may also lessen the predicted adverse effect on the setting of grade I, II* and II listed buildings at Tickenham (LB 85, 350, 1029, 1031-1033)	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	340	lin. m	(3/50Lin. M)	20
MD 1.63	North Somerset Council		NCA: 142 LLCA: A3	D1.F50; D1.F51	Running Water with Scattered Broad Leaf Trees	Proposed enhancement is within an area of late medieval/ post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	90	lin. m	(3/50Lin. M)	5
MD 1.64	North Somerset Council		NCA: 142 LLCA: A3	D1.H147	Species Poor Defunct Hedge & Wall	Proposed enhancement is within an area of late medieval/ post medieval enclosed land. Tickenham deserted settlement site is adjacent to the proposed enhancement but would not be affected - planting is consistent with HLC	New Hedgerow Planting with Trees	to reinforce landscape character and further reduce adverse visual effects	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	203	lin. m	5	1028
MD 1.65	North Somerset Council		NCA: 142 LLCA: A3	D1.F51	Species-Poor Intact Hedge / Wall	Proposed enhancement is within an area of late medieval/ post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	109	lin. m	(3/50Lin. M)	7
MD 1.66	North Somerset Council		NCA: 142 LLCA: A3	D1.F51	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of late medieval/ post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to reinforce landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whip 60-80cm (B) and 2 feathered tree 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	91	lin. m	4	362
MD 1.67	North Somerset Council		NCA: 142 LLCA: A3	D1.R25; D1.H119 to D1.H121	Outside of Phase 1 Habitat Survey / Species-Poor Intact Hedge Tree planting along road at western edge of Nailsea Moors SSSI. Works must avoid entering SSSI. Any works within SSSI will require consent from Natural England.	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	Tree planting in 3 groups along existing hedge to further reduce adverse visual effects from properties in West End	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	150	lin. m	(3/50Lin. M)	9

Section D

Enhancement Reference No.	Council	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 m; Structure Planting 1 per m ² ;	
MD 1.68	North Somerset Council		NCA: 142 LLCA: A3	D1.H122 to D1.H127	Species-Poor Intact Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	Planting of trees in 8 groups to further reduce adverse visual effects of pylons LD75 and LD76	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	400	lin. m	(3/50Lin. M)	24
MD 1.69	North Somerset Council		NCA: 142 LLCA: A3	D1.F50; D1.H157; D1.H130;	Species-Poor Intact Hedge. Tree planting along road at western edge of Nailsea Moors SSSI. Works must avoid entering SSSI. Any works within SSSI will require consent from Natural England.	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	Tree planting in 5 groups along existing hedge to further reduce adverse visual effects from properties and PRoW LA13/10 at Nailsea	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	250	lin. m	(3/50Lin. M)	15
MD 1.70	North Somerset Council		NCA: 142 LLCA: A3		Species-Poor Intact Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	To reinforce landscape character and further reduce adverse visual effects from properties on Pound Lane	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	200	lin. m	(3/50Lin. M)	12
MD 1.71	North Somerset Council		NCA: 142 LLCA: A3	D1.H147; E1.H8 to E1.H10; E1.R1	Species-Poor Intact Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	To reinforce landscape character and further reduce adverse visual effects of pylon LD81 from properties on Clevedon Road	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	150	lin. m	(3/50Lin. M)	9
MD 1.72	North Somerset Council		NCA: 142 LLCA: A3	E1.H1 to E1.H3; E1.R1; D2.21;	Species-Poor Intact Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	Tree planting in 19 groups along existing hedge to further reduce adverse visual effects from Clevedon Road and properties in Tickenham	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	950	lin. m	(3/50Lin. M)	57

Section D

Enhancement Reference No.	Council	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Receptor Description	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement Implications	Description of Works	Measure	Units	Finish
			(National - NCA Local - LLCA)									
MDPR 3 - 8	North Somerset Council	North Somerset Rights Of Way Improvement Plan 2007 To 2017 (Revised 2010). North Somerset Landscape Character Assessment, - Supplementary Planning Document, Somerset County Council, (December 2005).	NCA: 141; NCA: 142; LLCA: J2; D2.S5; D2.S6; LLCA: A1; LLCA: A3; LLCA: A4; LLCA: K1; LLCA: B1; LLCA: E5; LLCA: F1; LLCA: G2; LLCA: A2; LLCA: C2.	D2.S4; D2.S5; D2.S6; D2.S7; D2.S1; D2.S8; D2.S3.	The Nailsea Round; Loop Walk 6; Loop Walk 4; Loop Walk 3; NCR 26; NCR 33; NCR 410.	The enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	Long Distance Routes Access and Signage Improvements	to improve access, condition and signage to enhance user experience of the local landscape and views along existing recreational routes.	Improvements could include improving the condition, access and signage of PRoWs, cycle and bridleways including new gates, signage and visitor interpretation boards.	32,419	lin. m	To be confirmed by Local Authority
MDPR 2	North Somerset Council			D2.S1	Strawberry Line and National Cycle Route 26					4,846	lin. m	To be confirmed by Local Authority
N/A	North Somerset Council	North Somerset Rights Of Way Improvement Plan 2007 To 2017 (Revised 2010). North Somerset Landscape Character Assessment, - Supplementary Planning Document, Somerset County Council, (December 2005).	NCA:142 LLCA: A4; LLCA: J2;	D1.F1; D1.F7; D1.F8; D1.F9; D1.F11; D1.F29.	PRoW AX29/48; PRoW AX29/48; PRoW AX3/42; PRoW AX3/42; PRoW AX24/7A; PRoW AX16/21.	The enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	PRoW Access and Signage Improvements	to improve access and signage to enhance user experience	Improvements could include new gates and signage of PRoW	5,327	lin. m	To be confirmed by Local Authority
N/A			NCA: 142 LLCA: A1; LLCA: A3; LLCA: K1;	D1.F31; D1.F32; D1.F33; D1.F36; D1.F40; D1.F41; D1.F45.	PRoW AX16/44; PRoW LA21/28; PRoW LA21/28; PRoW LA21/31; PRoW LA21/33; PRoW LA21/32; PRoW LA21/37.		PRoW Access and Signage Improvements	to improve access and signage to enhance user experience	Improvements could include new gates and signage of PRoW	11,875	lin. m	To be confirmed by Local Authority

Notes: The measure relates to national cycle routes, long distance routes, PRoW and published walks in Sections D within 1km of the Proposed Development

Section E

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
ME 1.1	North Somerset Council	Refer to North Somerset Landscape Character Assessment, Supplementary Planning Document, Somerset County Council, December 2005. - North Somerset Council Rights of Way Improvement Plan 2007-2017 (revised November 2010)	NCA: 118 LLCA: E5	E1.H10; E1.F4	Species-Poor Intact Hedge	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects from Grade II listed Batch Farm (LB1057) from Pylon C-LD80	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	87	lin. m	(3/50Lin. M)	5
ME 1.2	North Somerset Council		NCA: 118 LLCA: E5	E1.H7; E1.F3	Species-Poor Intact Hedge	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	93	lin. m	(3/50Lin. M)	6
ME 1.3	North Somerset Council		NCA: 118 LLCA: E5	E1.F3	Species-Poor Intact Hedge	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	207	lin. m	(3/50Lin. M)	12
ME 1.4	North Somerset Council		NCA: 118 LLCA: E5	E1.F3	Species-Poor Intact Hedge	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	110	lin. m	(3/50Lin. M)	7
ME 1.5	North Somerset Council		NCA: 118 LLCA: E5	E1.H15; E1.R2	Species-Poor Intact Hedge	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects from Hale Farm. The proposed planting may also lessen the predicted adverse effect on the setting of grade II listed Tickenham House (LB1070) and Hale Farm Cottages (BH40) (both are adjacent to Hale Farm)	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	754	lin. m	(3/50Lin. M)	45
ME 1.6	North Somerset Council		NCA: 118 LLCA: E5	E1.F3	Species-Poor Intact Hedge	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	50	lin. m	(3/50Lin. M)	3
ME 1.7	North Somerset Council		NCA: 118 LLCA: G2	E1.F8	(Part of this boundary is) Species-Poor Intact Hedge	Proposed enhancement is within an area of late medieval enclosed land. Proposed planting is adjacent to AR195, a celtic field system (remains of) but the enhancement will not affect this asset	New Hedgerow Planting with Trees	to strengthen landscape character and further reduce adverse visual effects. This proposal may also lessen the predicted adverse effect on the setting of grade II listed buildings at Naish Farmhouse (LB1075) and Little Naish (LB1077)	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	279	lin. m	5	1414

Section E

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
ME 1.8	North Somerset Council		NCA: 118 LLCA: G2	E1.H32	Species-Poor Intact Hedge	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	289	lin. m	(3/50Lin. M)	17
ME 1.9	North Somerset Council		NCA: 118 LLCA: F1	E1.F16	Species-Poor Intact Hedge with Scattered Broad Leaved Tree	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	91	lin. m	(3/50Lin. M)	5
ME 1.10	North Somerset Council		NCA: 118 LLCA: F1	E1.F16	Species-Poor Intact Hedge	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to reinforce landscape character	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	173	lin. m	4	694
ME 1.11	North Somerset Council		NCA: 118 LLCA: F1	E1.F16	Species-Poor Intact Hedge with Scattered Broad Leaved Tree	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	462	lin. m	(3/50Lin. M)	28
ME 1.12	North Somerset Council		NCA: 118 LLCA: F1	E1.F12	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	1367	lin. m	5	6837
ME 1.13	North Somerset Council		NCA: 118 LLCA: F1	E1.R8	Species-Poor Intact Hedge with Scattered Broad Leaved Tree; Species Rich Hedge and Trees	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting with Trees	to reinforce landscape character and further reduce adverse visual effects from Caswell Hill	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. If existing hedgerow trees are suitable new planting should be combined or replaced with tagging of existing hedgerow tree species to be managed and established into mature hedgerow trees.	203	lin. m	4	825

Section E

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local -LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
ME 1.14	North Somerset Council		NCA: 118 LLCA: F1	E1.R8	Species-Poor Intact Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects from from Caswell Hill - planting is unlikely to disturb any archaeology and is consistent with HLC	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	164	lin. m	(3/50Lin. M)	10
ME 1.15	North Somerset Council		NCA: 118 LLCA: F1	E1.H40; E1.H39; E1.SP2; E1.F19; E1.B1	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Woodland Structure Planting	to further reduce adverse visual effects on receptors using PROW LA15/1 and properties of Portbury - planting may also slightly lessen the predicted adverse effect on listed buildings at Portbury (LB100)	Supply and plant woodland structure planting with 1 no. cell grown whip per m ² 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m ² . Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	3694	m2	1	3694
ME 1.16	North Somerset Council		NCA: 106 LLCA: A2	E1.H40; E1.H39; E1.SP2; E1.F19; E1.B1	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting with Trees	to reinforce landscape character and further reduce adverse visual effects	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. If existing hedgerow trees are suitable new planting should be combined or replaced with tagging of existing hedgerow tree species to be managed and established into mature hedgerow trees.	176	lin. m	2	363
ME 1.17	North Somerset Council		NCA: 106 LLCA: A2	E1.H40; E1.H39; E1.SP2; E1.F19; E1.B1	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting with Trees	to strengthen landscape character and further reduce adverse visual effects	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. If existing hedgerow trees are suitable new planting should be combined or replaced with tagging of existing hedgerow tree species to be managed and established into mature hedgerow trees.	282	lin. m	4	1146
ME 1.18	North Somerset Council		NCA: 106 LLCA: A2	E1.F22; E1.H44; E1.H46; E1.H45	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of late medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Woodland Structure Planting	to further reduce adverse visual effects; planting could also soften effects in relation to LB129 (St Mary's Church, Portbury)	Supply and plant woodland structure planting with 1 no. cell grown whip per m ² 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m ² . Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	2537	m2	1	2689

Section E

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Receptor Description	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement	Description of Works	Measure	Units	Finish
			(National - NCA, Local - LLCA)									
MEPR 1 - 3	North Somerset Council	North Somerset Landscape Character Assessment, Supplementary Planning Document, Somerset County Council. (December 2005). North Somerset Rights Of Way Improvement Plan 2007 To 2017 (Revised 2010)	NCA:118; LLCA: E5; LLCA: G2; LLCA: F1	E2.S1; E2.S2; E2.S5; E2.S4.	Nailsea Round Loop Walk 4; Gordano Round; NCR 334; NCR 410.	- the enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	Long Distance Routes Access and Signage Improvements	to improve access, condition and signage to enhance user experience of the local landscape and views along existing recreational routes.	Improvements could include improving the condition, access and signage of PRoWs, cycle and bridleways including new gates, signage and visitor interpretation boards.	11,324	33	To be confirmed by Local Authority
N/A	North Somerset Council	North Somerset Rights Of Way Improvement Plan 2007 To 2017 (Revised 2010). North Somerset Landscape Character Assessment, - Supplementary Planning Document, Somerset County Council, (December 2005).	NCA:118; LLCA: E5; LLCA: G2; LLCA: F1	E1.F2; E1.F3; E1.F5; E1.F8; E1.F19; E1.F22; E1.F23.	PRoW LA16/3; PRoW LA16/2; PRoW LA20/26; PRoW LA15/4; PRoW LA15/1; PRoW LA15/3; PRoW LA15/4	- the enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	PRoW Access and Signage Improvements	to improve access and signage to enhance user experience	Improvements could include new gates and signage of PRoW	5,777	lin. m	To be confirmed by Local Authority

Notes: The measure relates to national cycle routes, long distance routes, PRoW and published walks in Section E within 1km of the Proposed Development

Section F

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MF 1.1	North Somerset Council	North Somerset Landscape Character Assessment, Supplementary Planning Document, Somerset County	NCA: 106 LLCA: A2	N/A	Species-Poor Defunct Hedge with Trees;	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character.	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	88	lin. m	4	351
MF 1.2	North Somerset Council	Council. (December 2005) North Somerset Rights Of Way Improvement Plan 2007 To 2017 (Revised 2010)	NCA: 106 LLCA: A2	F1.R2	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Woodland Structure Planting	to further reduce adverse visual effects from the Portbury Hundred A369	Supply and plant woodland structure planting with 1 no. cell grown whip per m2 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m2. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	822	m2	1	822
MF 1.3	North Somerset Council		NCA: 106 LLCA: A2	F1.R2	Standing Water; Running Water	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Crack Willow Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.	9	lin. m	Individual Trees as shown on plans	9
MF 1.4	North Somerset Council		NCA: 106 LLCA: A2	F1.R2; E1.R14	Species- Poor Intact Hedge with Scattered Broadleaf Trees	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	198	lin. m	(3/50Lin. M)	12
MF 1.5	North Somerset Council		NCA: 106 LLCA: A2	F1.H16; F1.F2	Species-Poor Intact Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	472	lin. m	(3/50Lin. M)	28
MF 1.6	North Somerset Council		NCA: 106 LLCA: A2	F1.CY1; F1.R1	Species-Poor Defunct Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character.	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	126	lin. m	4	505
MF 1.7	North Somerset Council		NCA: 106 LLCA: A2	N/A	Species-Poor Defunct Hedge	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting	to strengthen landscape character.	Supply and plant whips and feathered trees in accordance with the specification to infill gaps along the existing hedgerow. Measure allows for 50% of the hedgerow to be planted with 2 whips 60-80cm (B) and 2 feathered trees 175-200cm (B) per linear metre including rabbit guards, stakes and fixings.	179	lin. m	4	715
MF 1.8	North Somerset Council		NCA: 106 LLCA: A2	N/A	Standing Water	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character.	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	115	lin. m	5	575
MF 1.9	North Somerset Council		NCA: 106 LLCA: A2	F1.F2	Section of Species-Poor Intact Hedge & Ditch and Section of Species-Poor Hedge & Trees	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Hedgerow Planting	to strengthen landscape character.	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	358	lin. m	5	1792

Section F

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MF 1.10	North Somerset Council		NCA: 106 LLCA: A2	F1.F2	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	120	lin. m	(3/50Lin. M)	7
MF 1.11	North Somerset Council		NCA: 106 LLCA: A2	F1.R2	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant 3 individual standard trees 14-16cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	241	lin. m	(3/50Lin. M)	14
MF 1.12	North Somerset Council		NCA: 106 LLCA: A2	F1.R3; F1.F1	Species-Poor Intact Habitat & Ditch	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	New Crack Willow Planting	to further reduce adverse visual effects and strengthen landscape character	Supply and plant 1 individual standard tree 16-18cm girth (RB) including tree pit and backfilling with double timber stake and topsoil. Trees to be planted at the corner and centre of field boundaries.	4	lin. m	Individual Trees as shown on plans	4
MF 1.13	North Somerset Council		NCA: 106 LLCA: A2	F1.F9; F1.R3; F1.CY2	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Woodland Structure Planting	to further reduce adverse visual effects from the National Cycle Route 26 and PRoW	Supply and plant whips 60-80cm (B) including rabbit guards, stakes and fixings to be planted in single species groups of no less than 3 or more than 7 of the same species at 1/m ² . Stockproof fencing throughout plant establishment.	147	m ²	1	147
MF 1.14	North Somerset Council		NCA: 106 LLCA: A2	F1.F3; F1.F12	Species-Poor Defunct Hedge and Ditch. Any planting between March and October will avoid periods of prolonged freezing conditions to minimise impacts on SPA birds.	Proposed enhancement is within an area of post medieval enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Additional Hedge Gap Planting with Trees	to further reduce adverse visual effects and strengthen landscape character	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. If existing hedgerow trees are suitable new planting should be combined or replaced with tagging of existing hedgerow tree species to be managed and established into mature hedgerow trees.	277	lin. m	4	1126

Section F

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Receptor Description	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement	Description of Works	Measure	Units	Finish
			(National - NCA, Local - LLCA)									
MFPR 1 - 3	North Somerset Council	North Somerset Landscape Character Assessment, Supplementary Planning Document, Somerset County Council. (December 2005) North Somerset Rights Of Way Improvement Plan 2007 To 2017 (Revised 2010)	NCA: 106 LLCA: A2	F2.S2; F2.S4; F2.S1; F2.S5.	The Gordano Round; National Cycle Route 26; NCR 410; NCR 334.	- the enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	Long Distance Routes Access and Signage Improvements	to improve access, condition and signage to enhance user experience of the local landscape and views along existing recreational routes.	Improvements could include improving the condition, access and signage of PRoWs, cycle and bridleways including new gates, signage and visitor interpretation boards.	7,120	lin. m	To be confirmed by Local Authority
N/A	North Somerset Council	North Somerset Landscape Character Assessment, Supplementary Planning Document, Somerset County Council. (December 2005) North Somerset Rights Of Way Improvement Plan 2007 To 2017 (Revised 2010)	NCA: 106 LLCA: A2	F1.F6; F1.F7; F1.F10; F1.F11; F1.F12	PRoW LA15/22; PRoW LA15/15; Permissive footpaths through Portbury Wharf Nature Reserve	- the enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	PRoW Access and Signage Improvements	to improve access and signage to enhance user experience	Improvements could include new gates and signage of PRoW	4,798	lin. m	To be confirmed by Local Authority

Notes: The measure relates to national cycle routes, long distance routes, PRoW and published walks in Section F within 1km of the Proposed Development

Section G

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MG 1.1	North Somerset Council	N/A	NCA: 106 LLCA: C2	G1.CY1; G1.F1	Residential Street. Outside of Phase 1 Habitat Survey	The proposed enhancement is in an area of post medieval enclosure, but due to recent modern industrial development the HLC is not well preserved at this location	Avenue Tree Planting	to improve landscape character for receptors using PRoW LA8/66. - planting will support the BCC TreeBristol campaign	Supply and plant individual standard trees 16-18cm girth (RB) including tree pit and backfilling with double timber stakes and topsoil. Offset trees 2m from the fence line and plant trees every 15m along the northern side of the long distance route. Appropriate size and species to be approved by Local Authority. Price to include fixing to timber stakes and any necessary traffic control and safety barriers during planting	511	lin. m	1/ 15 lin. m	34
MG 1.2	North Somerset Council		NCA: 106 LLCA: C2	G1.CY1; G1.F3;	Residential Street. Outside of Phase 1 Habitat Survey	The proposed enhancement is in an area of post medieval enclosure, but due to recent modern industrial development the HLC is not well preserved at this location	Avenue Tree Planting	to improve landscape character for receptors using PRoW LA8/67 and PRoW LA8/68. - planting will support the BCC TreeBristol campaign	Supply and plant individual standard trees 16-18cm girth (RB) including tree pit and backfilling with double timber stakes and topsoil. Offset trees 2m from the fence line and plant trees every 15m along the northern side of the long distance route. Appropriate size and species to be approved by Local Authority. Price to include fixing to timber stakes and any necessary traffic control and safety barriers during planting	356	lin. m	1 / 15 lin. m	24
MG 1.3	Bristol City Council		NCA: 106 LLCA: N/A	G1.H52; G1.B14	Residential Street. Outside of Phase 1 Habitat Survey	The proposed enhancement is within the Avonmouth settlement	Street Tree Planting	to improve streetscape character. - planting will support the BCC TreeBristol campaign	Supply and plant semi-mature 20-25cm girth (RB) trees of local provenance into tree pit. Excavate pit within pavement in agreed locations. Allow for planting, backfilling with Amsterdam tree soil, root director or barrier as required watering tube, amenity bark mulch 75mm thick and stake as specified. Refer to OSPES for species list. Supply and install 1800mm x 600mm dia. Greencoat 3"x1"x12 gauge HDG weldmesh tree guard. Price to include fixing to stakes and cutting maintenance. Allow for the excavation of initial trial pits to verify location of services (to include hand digging per tree pit). Provide necessary traffic control and safety barriers and reinstate pavement to trial pits where existing services are present. Where possible plant street trees every 10m along the southern side of Gloucester Rd and between the existing car park and footpath edge along the northwest side of Gloucester Rd. Appropriate size and species to be approved by Local Authority.	140	lin. m	1 / 10 lin. m	14
MG 1.4	Bristol City Council		NCA: 106 LLCA: N/A	G1.H52; G1.B15	Residential Street. Outside of Phase 1 Habitat Survey	The proposed enhancement is within the Avonmouth settlement	Street Tree Planting	to further reduce adverse visual effects and improve streetscape character. - planting will support the BCC TreeBristol campaign	Supply and plant semi-mature 20-25cm girth (RB) trees of local provenance into tree pit. Excavate pit within pavement in agreed locations. Allow for planting, backfilling with Amsterdam tree soil, root director or barrier as required watering tube, amenity bark mulch 75mm thick and stake as specified. Refer to OSPES for species list. Supply and install 1800mm x 600mm dia. Greencoat 3"x1"x12 gauge HDG weldmesh tree guard. Price to include fixing to stakes and cutting maintenance. Allow for the excavation of initial trial pits to verify location of services (to include hand digging per tree pit). Provide necessary traffic control and safety barriers and reinstate pavement to trial pits where existing services are present. Where possible plant street trees every 10m along the western side of Clayton Street between the existing car park and footpath edge. Appropriate size and species to be approved by Local Authority	87	lin. m	1 / 10 lin. M	9

Section G

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MG 1.5	Bristol City Council		NCA: 106 LLCA: N/A	G1.H52; G1.B16	Residential Street. Outside of Phase 1 Habitat Survey	The proposed enhancement is within the Avonmouth settlement	Street Tree Planting	to further reduce adverse visual effects and improve streetscape character planting will support the BCC TreeBristol campaign	Supply and plant semi-mature 20-25cm girth (RB) trees of local provenance into tree pit. Excavate pit within pavement in agreed locations. Allow for planting, backfilling with Amsterdam tree soil, root director or barrier as required watering tube, amenity bark mulch 75mm thick and stake as specified. Refer to OSPES for species list. Supply and install 1800mm x 600mm dia. Greencoat 3"x1"x12 gauge HDG weldmesh tree guard. Price to include fixing to stakes and cutting maintenance. Allow for the excavation of initial trial pits to verify location of services (to include hand digging per tree pit). Provide necessary traffic control and safety barriers and reinstate pavement to trial pits where existing services are present. Plant street trees within road surface at staggered 15m intervals along both sides of King St. Appropriate size and species to be approved by Local Authority	490	lin. m	1 / 15 lin. m	32
MG 1.6	Bristol City Council		NCA: 106 LLCA: N/A	G1.H52; G1.B17	Residential Street. Outside of Phase 1 Habitat Survey	The proposed enhancement is within the Avonmouth settlement	Street Tree Planting	to improve streetscape character - planting will support the BCC TreeBristol campaign	Supply and plant semi-mature 20-25cm girth (RB) trees into tree pit. Excavate pit within pavement in agreed locations. Allow for planting, backfilling, watering tube and staking as specified. Refer to OSPES for species list. Supply and install 1800mm x 600mm dia. Greencoat 3"x1"x12 gauge HDG weldmesh tree guard. Price to include fixing to stakes and cutting maintenance. Provide necessary traffic control and safety barriers. Allow for the excavation of initial trial pits to verify location of services (to include hand digging). Reinstate pavement to trial pits where existing services are present. Plant street trees where possible at staggered 15m intervals along both sides of Queen St. Appropriate size and species to be approved by Local Authority	112	lin. m	1 / 15 lin. m	7
MG 1.7	Bristol City Council		NCA: 106 LLCA: N/A	G1.H52; G1.B18	Residential Street. Outside of Phase 1 Habitat Survey	The proposed enhancement is within the Avonmouth settlement	Street Tree Planting	to improve streetscape character - planting will support the BCC TreeBristol campaign	Supply and plant semi-mature 20-25cm girth (RB) trees of local provenance into tree pit. Excavate pit within pavement in agreed locations. Allow for planting, backfilling with Amsterdam tree soil, root director or barrier as required watering tube, amenity bark mulch 75mm thick and stake as specified. Refer to OSPES for species list. Supply and install 1800mm x 600mm dia. Greencoat 3"x1"x12 gauge HDG weldmesh tree guard. Price to include fixing to stakes and cutting maintenance. Allow for the excavation of initial trial pits to verify location of services (to include hand digging per tree pit). Provide necessary traffic control and safety barriers and reinstate pavement to trial pits where existing services are present. Plant street trees where possible at staggered 15m intervals along both sides of East Street.	64	lin. m	1 / 15 lin. m	4

Section G

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MG 1.8	Bristol City Council		NCA: 106 LLCA: N/A	G1.F22	Outside of Phase 1 Habitat Survey	The proposed enhancement is within an area of post medieval enclosure and large scale utility landscape; planting could affect archaeology associated with AR255 (site of a house). If planting undertaken at this location mitigation will need to be discussed with BCC.	Native Woodland Structure Planting	To strengthen landscape character and further reduce adverse visual effects. Land at Hallen Marsh has been selected as compensation habitat for wintering birds associated with the Severn Estuary SPA and Ramsar designation. Many wader and wildfowl bird species are deterred from foraging in habitats with small field sizes where hedgerows or other physical structures can have a displacement effect thought to originate from a predator avoidance strategy, as such features limit the ability of the birds to see an approaching threat. For this reason, suggestions for planting have been kept to the perimeter of the Hallen Marsh area along roads where there is existing development or where there is proposed development.	Supply and plant woodland structure planting with 1 no. cell grown whip per m ² 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m ² . Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	5957	m ²	1	5957
MG 1.9	Bristol City Council		NCA: 106 LLCA: N/A	N/A	Outside of Phase 1 Habitat Survey	The proposed enhancement is within an area of post medieval enclosure and large scale utility landscape	New Hedgerow Planting		Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow.	180	lin. m	5	901
MG 1.10	Bristol City Council		NCA: 106 LLCA: N/A	G1.R15; G1.F24	Outside of Phase 1 Habitat Survey	The proposed enhancement is within an area of post medieval enclosure and large scale utility landscape	New Hedgerow Planting with Trees	details of any planting should be discussed and agreed with Bristol City Council's Ecologist.	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	172	lin. m	5	869
MG 1.11	Bristol City Council		NCA: 106 LLCA: N/A	G1.CY8; G1.F16	Outside of Phase 1 Habitat Survey	The proposed enhancement is within an area of post medieval enclosure and large scale utility landscape	New Hedgerow Planting with Trees	To strengthen landscape character and further reduce adverse visual effects. Land at Hallen Marsh has been selected as compensation habitat for wintering birds associated with the Severn Estuary SPA and Ramsar designation. Many wader and wildfowl bird species are deterred from foraging in habitats with small field sizes where hedgerows or other physical structures can have a displacement effect thought to originate from a predator avoidance strategy, as such features limit the ability of the birds to see an approaching threat. For this reason, suggestions for planting have been kept to the perimeter of the Hallen Marsh area along roads where there is existing development or where there is proposed development.	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 3 individual extra heavy standard trees 16-18cm girth (RB) of local provenance every 50 metres including tree pit and backfilling with excavated topsoil and double timber stakes. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	474	lin. m	5	2398
MG 1.12	Bristol City Council		NCA: 106 LLCA: N/A	G1.CY8; G1.F16	Outside of Phase 1 Habitat Survey	The proposed enhancement is within an area of post medieval enclosure and large scale utility landscape	Avenue Tree Planting		Supply and plant individual standard trees 16-18cm girth (RB) including tree pit and backfilling with double timber stakes and topsoil. Offset trees 2m from the fence line and plant trees every 15m along the northern side of the long distance route. Appropriate size and species to be approved by Local Authority. Price to include fixing to timber stakes and any necessary traffic control and safety barriers during planting	794	lin. m	1/ 15 lin. m	52

Section G

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MG 1.13	South Gloucestershire Council	N/A	G1.F26; G1.R15	Species-Poor Intact Hedge	Proposed enhancement is within an area of post medieval enclosed land planting is unlikely to disturb any archaeology and is consistent with HLC .	Native Tree Planting	Tree planting in 5 groups along field boundary southeast of PRoW OAY/111 and along existing hedges on Severn Road to further reduce adverse visual effects and enhance landscape character	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.		250	lin. m	(3/50Lin. M)	15
MG 1.14	South Gloucestershire Council	N/A	Minors Lane	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of post medieval enclosed land planting is unlikely to disturb any archaeology and is consistent with HLC .	Additional Hedgerow Gap Planting	to strengthen landscape character and further reduce adverse visual effects	Supply and plant whips or feathered trees of local provenance in accordance with the specification to infill gaps along existing hedgerows. Measure allows for 50% of the hedgerow to be planted with either double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings; or 3 feathered trees 175-200cm (B) at 3 per lin m including planting pit and backfill, single stake 1.52m long and fixings. Where there are large gaps in existing hedgerows whips should be used and where infilling smaller gaps feathered trees should be used. If required hedge laying to be undertaken in combination with some gapping up, particularly where the base of existing hedgerows are very open.		300	lin. m	4	1200
MG 1.15	Bristol City Council	NCA: 106 LLCA: N/A	G1.H45 property numbers 83-93 Portview Road	Outside of Phase 1 Habitat Survey	Proposed enhancement is within an area of post medieval enclosed land planting is unlikely to disturb any archaeology and is consistent with HLC .	Native Tree Planting	Tree planting in groups to each property garden to further reduce adverse visual effects	Supply and plant up to 4 individual standard trees 16-18cm girth (RB) to each property garden including tree pit and backfilling with double timber stake and topsoil.		5	number	4	20
MG 1.16	Bristol City Council	NCA: 106 LLCA: N/A	G1.H40; G1.H41; G1.H43; G1.H44; G1.H45; G1.H46	Residential Street. Outside of Phase 1 Habitat Survey	The proposed enhancement is within the Avonmouth village settlement	Street Tree Planting	to improve streetscape character and further reduce adverse visual effects. - planting will support the BCC TreeBristol campaign	Supply and plant semi-mature 20-25cm girth (RB) trees of local provenance into tree pit. Excavate pit within pavement in agreed locations. Allow for planting, backfilling with Amsterdam tree soil, root director or barrier as required watering tube, amenity bark mulch 75mm thick and stake as specified. Refer to OSPES for species list. Supply and install 1800mm x 600mm dia. Greencoat 3"x1"x12 gauge HDG weldmesh tree guard. Price to include fixing to stakes and cutting maintenance. Allow for the excavation of initial trial pits to verify location of services (to include hand digging per tree pit). Provide necessary traffic control and safety barriers and reinstate pavement to trial pits where existing services are present. Appropriate size and species to be approved by Local Authority.		660	lin. m	1 / 10 lin. m	66

Section G

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MG 1.17	Bristol City Council		NCA: 106 LLCA: N/A	St Anthony's Park Traveller Site, Kings Weston Lane	Species-Poor Intact Hedge	The proposed enhancement is within an area of post medieval enclosure and large scale utility landscape	New Hedgerow Planting with Trees	New hedgerow and planting of 16 trees at 10m spacings to northern boundary of St Anthonys Park Traveller Site and adjacent overspill site to further reduce adverse visual effects and provide a buffer during construction and operation.	Supply and plant double staggered hedgerow using cell grown whips 60-80cm (B) at 5 per lin m and 200mm centres including planting pit, spiral rabbit guards and bamboo cane stakes and fixings. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment to one side of new hedgerow. Supply and plant 16 individual extra heavy standard trees 16-18cm girth (RB) of local provenance at 10 metre spacings within the hedgerow including tree pit and backfilling with excavated topsoil and double timber stakes.	266	lin. m	5	1346
MG 1.18	Bristol City Council		NCA: 106 LLCA: N/A	St Anthony's Park Traveller Site, Kings Weston Lane	Species-Poor Intact Hedge	The proposed enhancement is within an area of post medieval enclosure and large scale utility landscape	Native Woodland Structure Planting	Native woodland structure planting to north of St Anthonys Park Traveller Site and east of adjacent overspill site to further reduce adverse visual effects and provide a buffer during construction and operation.	Supply and plant woodland structure planting with 1 no. cell grown whip per m2 60-80cm (B) of local provenance including planting pit and backfill, spiral rabbit guards and bamboo cane stakes and fixings. To be planted in single species groups of no less than 3 or more than 7 of the same species at 1 per m2. Stockproof fencing (timber posts and three wires including cattle fencing) included throughout plant establishment around the planting area.	2492	m2	1	2492
MG 1.19	Bristol City Council		NCA: 106 LLCA: N/A	St Anthony's Park Traveller Site, Kings Weston Lane	Species-Poor Intact Hedge	The proposed enhancement is within an area of post medieval enclosure and large scale utility landscape	Native Tree Planting	New native tree planting of 13 trees at 10-15m spacings within St Anthonys Park Traveller Site to eastern side of the main site to reinforce existing vegetation and provide additional screening and buffering along the eastern boundary of the travellers site to further reduce adverse visual effects during construction and operation.	Supply and plant 13 individual extra heavy standard trees 16-18cm girth (RB) at 10-15m spacings including tree pit and backfilling with double timber stake and topsoil.	217	lin. m	(3/50Lin. M)	13

Section G

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Receptor Description	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement	Description of Works	Measure	Units	Finish
			(National - NCA, Local - LLCA)									
MGPR 1 & 5	North Somerset Council	N/A	N/A	G2.S2 (1813m); G2.S4 (1319m);	NCR 410; Summits of Somerset & Avon LDR;	- the enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	Long Distance Routes Access and Signage Improvements	to improve access, condition and signage to enhance user experience of the local landscape and views along existing recreational routes.	Improvements could include improving the condition, access and signage of PRoWs, cycle and bridleways including new gates, signage and visitor interpretation boards.	3,132	lin. m	To be confirmed by Local Authority
MGPR 3, 4 & 5	Bristol City Council	N/A	N/A	G2.S1; G2.S2; G2.S3; G2.S4; G2.S5; G2.S6;	National Cycle Route 26; NCR 410; River Avon Trail: Summits of Somerset & Avon LDR; NCR 41; Severn Way;	- the enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	Long Distance Routes Access and Signage Improvements	to improve access, condition and signage to enhance user experience of the local landscape and views along existing recreational routes.	Improvements could include improving the condition, access and signage of PRoWs, cycle and bridleways including new gates, signage and visitor interpretation boards.	33,487	lin. m	To be confirmed by Local Authority
MGPR 3, 4 & 5	South Gloucestershire Council	N/A	N/A	G2.S1; G2.S2; G2.S3; G2.S4; G2.S5; G2.S6;	National Cycle Route 26; NCR 410; River Avon Trail: Summits of Somerset & Avon LDR; NCR 41; Severn Way;	- the enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	Long Distance Routes Access and Signage Improvements	to improve access, condition and signage to enhance user experience of the local landscape and views along existing recreational routes.	Improvements could include improving the condition, access and signage of PRoWs, cycle and bridleways including new gates, signage and visitor interpretation boards.	1,039	lin. m	To be confirmed by Local Authority
N/A	Bristol City Council	N/A	N/A	G1.F13; G1.F15; G1.F16; G1.F24;	PRoW BCC/6/10; PRoW BCC/17/10; PRoW BCC/4/10; PRoW BCC/4/20; PRoW BCC/2A/10; PRoW BCC/554/10; PRoW BCC/555/10; PRoW BCC/555/20; PRoW BCC/556/10; PRoW BCC/556/20.	- the enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	PRoW Access and Signage Improvements	to improve access and signage to enhance user experience	Improvements could include new gates and signage of PRoW	6,396	lin. m	To be confirmed by Local Authority
N/A	South Gloucestershire Council	N/A	N/A	G1.F27;	PRoW ORN/27	- the enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	PRoW Access and Signage Improvements	Upgrade existing PRoW to provide a short multi-user route along PRoW ORN/27 linking Minors and Ableton Lanes, further away from the impacted stretch of Ableton Lane.	Improvements could include new gates and signage of PRoW	12,821	lin. m	To be confirmed by Local Authority

Notes: The measure relates to national cycle routes, long distance routes, PRoW and published walks in Section G within 1km of the Proposed Development

Section H

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MH 1.1	West Somerset District Council	Refer West Somerset District Council's West Somerset Landscape Character Assessment 1999;	NCA: 146 LLCA: EL	H1.F2; H1.F3; H1.F4; H1.F15; H1.F16; H1.H27	Species-Rich Intact Hedge; Although within 300m of Severn Estuary SPA this planting is still appropriate. See section 7.5 of OSPES report for more detail.	Proposed enhancement is within an area of recently enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	449	lin. m	(3/50Lin. M)	27
MH 1.2	West Somerset District Council												
MH 1.3	West Somerset District Council												
MH 1.4	West Somerset District Council												
MH 1.5	West Somerset District Council												

Section H

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Ecology Phase 1 Survey Description & Ecology Implications	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement and Heritage Implications	Description of Works	Measure	Units	Planting Density	Plant Numbers
			(National - NCA, Local - LLCA)									New Hedgerows: 5 per lin.m; Gappy Hedgerows: 3 or 5/lin.m; Tree Planting: 3 every 50 lin.m; Structure Planting 1 per m ² ;	
MH 1.6	West Somerset District Council	NCA: 146 LLCA: EL		H1.F2; H1.F3; H1.F4; H1.F15; H1.H1; H1.H4;	Species-Rich Intact Hedge; Although within 300m of Severn Estuary SPA this planting is still appropriate. See section 7.5 of OSPES report for more detail.	Proposed enhancement is within an area of recently enclosed land - planting is unlikely to disturb any archaeology and is consistent with HLC	Native Tree Planting	to further reduce adverse visual effects	Supply and plant 3 individual standard trees 16-18cm girth (RB) every 50 metres including tree pit and backfilling with double timber stake and topsoil. Alternatively grow appropriate existing hedgerow tree species by tagging trees to be managed and grown into mature trees.	80	lin. m	(3/50Lin. M)	5

Section H

Enhancement Reference No.	Local Authority	Published Documents	Landscape Character Areas	ES Visual Receptor Reference	Receptor Description	Historic Environment Notes	Enhancement Proposal	Purpose of Enhancement	Description of Works	Measure	Units	Finish
			(National - NCA, Local - LLCA)									
MHPR 1	West Somerset District Council	Refer West Somerset District Council's West Somerset Landscape Character Assessment 1999.	NCA: 146 LLCA: WMC; LLCA: WCC; LLCA: EL	H1.S1	West Somerset Coast Path	The enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	Long Distance Routes Access and Signage Improvements	to improve access, condition and signage to enhance user experience of the local landscape and views along existing recreational routes.	Improvements could include improving the condition, access and signage of PRoWs, cycle and bridleways including new gates, signage and visitor interpretation boards.	6,700	lin. m	To be confirmed by Local Authority
N/A	West Somerset District Council	Refer West Somerset District Council's West Somerset Landscape Character Assessment 1999.	NCA: 146 LLCA: WMC; LLCA: WCC	H1.F1; H1.F2; H1.F3; H1.F4; H1.F6; H1.F16.	PRoW WL23/71; PRoW WL23/61; PRoW WL 23/71; PRoW WL 23/62; PRoW WL 23/64; PRoW WL 23/70.	The enhancement would not adversely effect archaeology or HLC. Selected signage could include additional information about significant heritage assets within the area.	PRoW Access and Signage Improvements	to improve access and signage to enhance user experience	Improvements could include new gates and signage of PRoW	8,981	lin. m	To be confirmed by Local Authority

Notes: The measure relates to national cycle routes, long distance routes, PRoW and published walks in Section H within 1km of the Proposed Development

Appendix 25B – Plant Palette

**OFF-SITE PLANTING AND ENHANCEMENT SCHEME
VOLUME 5.25.2B, APPENDIX B PLANT PALETTE**

1.1 General

1.1.1 The plant species listed below are a generic selection of prominent local species based on the phase 1 habitat survey and are not intended to be site specific to reflect differing landscape types or conditions within the Proposed Development. The planting lists below are a guide for the development of detailed planting schemes which would be refined for each planting proposal to suit local conditions. Following the selection of appropriate species for each proposal, an appropriate ratio for each plant should be nominated. Suggested ratios have been applied to the native mixes below.

1.1.2 Tree planting will typically consist of 60-80cm high whips and 175-200cm high feathered trees designed to reinforce and strengthen the existing hedgerow and woodland pattern of the area. Extra Heavy Standard (EHS) sized trees of 16-18cm and 20-25cm girth have been specified for individual tree planting, including ornamental street trees. For additional planting detail refer to Appendix B.

1.1.3 The indicative location of proposed planting is illustrated on plans included in Appendix A of the Off-Site Planting and Enhancement Scheme (OSPES). The maintenance of the proposed planting works will be carried out in accordance with the NBS specification for soft landscape works and the landscape maintenance operations in Appendix D and E respectively.

1.2 Plant Species and Mixes

1.2.1 Native Hedgerow Planting Mix:

- 5% *Acer campestre* (Field Maple)
- 15% *Corylus avellana* (Common Hazel)
- 10% *Cornus sanguinea* (Common Dogwood)
- 40% *Crataegus monogyna* (Common Hawthorn)
- 5% *Euonymus europaeus* (Spindle)
- 15% *Prunus spinosa* (Blackthorn)
- 10% *Sambucus nigra* (Elder)

Alternative species

- *Hedera helix* (Ivy)
- *Ilex aquifolium* (Holly)
- *Ligustrum vulgare* (Wild Privet)
- *Lonicera periclymenum* (Honeysuckle)
- *Rosa canina* (Dog Rose)
- *Rubus fruticosus* agg. (Bramble) *Tamus communis* (Black Bryony)
- *Viburnum lantana* (Wayfaring tree)

**OFF-SITE PLANTING AND ENHANCEMENT SCHEME
VOLUME 5.25.2B, APPENDIX B PLANT PALETTE**

1.2.2 Native Woodland Structure Planting Mix:

- *15% Acer campestre* (Field Maple)
- *5% Cornus sanguinea* (Common Dogwood)
- *10% Crataegus monogyna* (Common Hawthorn)
- *5% Corylus avellana* (Common Hazel)
- *10% Ilex aquifolium* (Holly)
- *15% Salix caprea* (Goat Willow)
- *5% Prunus spinosa* (Blackthorn)
- *15% Quercus robur* (English Oak)
- *15% Salix fragilis* (Crack Willow)
- *5% Sambucus nigra* (Elder)

Alternative species

- *Ulmus glabra* (Wych Elm)
- *Tilia cordata* (Small leaved Lime)

1.2.3 Marginal Planting Mix:

- *Alisma plantago-aquatica* (Water Plantain)
- *Carex acutiformis* (Lesser Pond Sedge)
- *Carex riparia* (Greater Pond Sedge)
- *Epilobium hirsutum* (Great Willow Herb)
- *Galium palustre* (Marsh Bedstraw)
- *Juncus effusus* (Soft Rush)
- *Juncus inflexus* (Hard Rush)
- *Phragmites australis* (Common Reed)
- *Salix cinerea* (Grey Willow)
- *Salix viminalis* (Osier)
- *Ranunculus flammula* (Lesser Spearwort)
- *Typha latifolia* (Bulrush)
- *Alnus glutinosa* (Alder)
- *Populus nigra betulifolia* (Black Poplar)

1.2.4 Native Trees:

- *Acer campestre* (Field Maple)
- *Alnus glutinosa* (Alder)
- *Corylus avellana* (Common Hazel)

**OFF-SITE PLANTING AND ENHANCEMENT SCHEME
VOLUME 5.25.2B, APPENDIX B PLANT PALETTE**

- *Populus nigra betulifolia* (Black Poplar)
- *Salix alba* (White Willow*)
- *Salix fragilis* (Crack Willow)
- *Quercus robur* (English Oak)

* Species proposed for pollarded willow planting.

1.2.5 Street Trees:

- *Carpinus betulus* 'Frans Fontaine' (Hornbeam)
- *Liquidambar styraciflua* (Sweet Gum)
- *Prunus umineko* 'Snowgoose'
- *Pyrus calleryana* 'Chanticleer' (Ornamental Pear)
- *Sorbus aucuparia* (Rowan)
- *Sorbus aucuparia* 'Streetwise'
- *Tilia mongolica* (Mongolian Lime)
- *Ulmus* 'New Horizon'

Appendix 25C – NBS Landscape Specification

Hinkley Point C Connection Project

Off-Site Planting and Enhancement Scheme

Volume 5.25.2B, Appendix C NBS Landscape Specification

March 2014

This Landscape Specification has been produced using National Building Specification Landscape (NBS Landscape) and describes the materials, standards and workmanship expected during construction and implementation of soft landscape works proposed as part of the Hinkley Point C Connection Project Off-Site Planting and Enhancement Scheme. Hard landscape works are not detailed in this specification as it is likely that each Local Authority will have specific construction details, materials and standards that hard landscape works will need to adhere to.

NBS Landscape is a software package used to write concise, technically accurate and up-to-date specifications for hard and soft landscape projects. NBS Landscape is an industry standard specification system that conforms to best practice providing clauses, guidance and product information.

NBS Landscape is a selection of NBS work sections with landscape preliminaries, including those for ICE Minor Works and JCLI Agreement for Landscape Maintenance Works. The product is intended for use on landscape and external works projects.

Section Q of the National Building Specification describes the materials, standards and workmanship expected during construction, implementation and maintenance of paving, planting, fencing and site furniture and the Sections and Clauses relevant to soft landscape works proposed in the Off-site Planting and Enhancement Scheme are detailed.

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Q28 Topsoil, growing media and ameliorants

To be read with Preliminaries/ General conditions.

SYSTEM OUTLINE

110 TOPSOIL SYSTEM FOR STRUCTURE PLANTING AREAS IF EXISTING TOPSOIL ON SITE IS DEFICIENT AND REQUIRES TOPPING UP

- Topsoil: Imported topsoil to BS 3882.
- Ameliorants: None.
- Accessories: None.

PRODUCTS

300 PREPARATION MATERIALS GENERALLY

- Purity: Free of pests, disease, and fungus.
- Foreign matter: On visual inspection, free of fragments and roots of aggressive weeds, sticks, straw, subsoil, pieces of brick, concrete, glass, wire, large lumps of clay or vegetation, and the like.
- Contamination: Do not use topsoil contaminated with subsoil, rubbish or other materials that are:
 - Corrosive, explosive or flammable.
 - Hazardous to human or animal life.
 - Detrimental to healthy plant growth.
- Subsoil: In areas to receive topsoil or planting media, do not use subsoil contaminated with the above materials.
- Objectionable odour: None.
- Give notice: If any evidence or symptoms of soil contamination are discovered on the site or in topsoil or planting media to be imported.

310 MATERIALS NOT PERMITTED

- Materials: Peat and Products containing peat.

315 IMPORTED TOPSOIL TO BS 3882

- Quantity: Provide as necessary to make up any deficiency of topsoil existing on site and to complete the work.
- Standard: To BS 3882.
- Classification: Multipurpose.
 - Grade: 0.6-2 mm.
- Source: Contractor's choice.
 - Product reference: Contractor's choice.

EXECUTION

610 TOPSOIL ANALYSIS

- Soil to be analysed: Imported topsoil.
- Soil analyst: Contractors choice.
- Samples: Collect in accordance with BS 3882.
- Submit:
 - Declaration of analysis:
 - Chemical analysis and contaminants;
 - Maximum stone content, stone size and pH value;
 - pH value and textural classification; and
 - Phytotoxic and CLEA elements.

Report detailing soil analyst's recommendations.

620 IMPORTING TOPSOIL

- Give notice: Before stripping topsoil for transfer to site.
 - Notice period: 5 days.

625 SAMPLE LOADS FOR IMPORTED TOPSOIL

- Deliver to site a sample load: of 5 kg.
- Give notice: Allow inspection before making further deliveries to site. Retain for comparison with subsequent loads.
Notice period: 5 days.

630 DOCUMENTATION FOR IMPORTED TOPSOIL FOR SHRUB BEDS

- Timing: Submit at handover.
- Contents:
 - Full description of all soil components.
 - Record of source for all soil components.
 - Record drawings showing the location and depth of all soils by type and grade.
 - Declaration of analysis: in accordance with BS 3882, Annex E.
- Number of copies: 2.

650 NOTICE

- Give notice before:
 - Setting out.
 - Spreading topsoil.
 - Applying herbicide.
 - Applying fertilizer.
 - Visiting site during maintenance period.
- Period of notice: One week.

655 MECHANICAL TOOLS

- Restrictions: Do not use within 100 mm of tree and plant stems.

660 GRADING SUBSOIL

- General: Grade to smooth flowing contours to achieve specified finished levels of topsoil.
- Areas of thicker topsoil: Excavate locally.

665A SUBSOIL SURFACE PREPARATION

- General: Excavate and/ or place fill to required profiles and levels.
- Loosening:
 - Light and non-cohesive subsoils: When ground conditions are reasonably dry, loosen thoroughly to a depth of 300 mm.
 - Stiff clay and cohesive subsoils: When ground conditions are reasonably dry, loosen thoroughly to a depth of 450 mm.
 - Rock and chalk subgrades: Lightly scarify to promote free drainage.
- Stones: Immediately before spreading topsoil, remove stones larger than 50 mm.
- Remove from site: Arisings, contaminants and debris and Builders rubble.

670 INSPECTING FORMATIONS

- Give notice: Before spreading topsoil for lawn areas and planting beds.
- Notice period: 7 days.

680 SURPLUS TOPSOIL TO BE RETAINED

- Generally: Spread and level on site:
 - Locations: Any areas where topsoil is required for new planting.
 - Protected areas: Do not raise soil level within root spread of trees that are to be retained.

685 SURPLUS MATERIALS TO BE REMOVED

- Topsoil: Remove from site topsoil remaining after completion of all landscaping work as agreed with Project Manager.
- Subsoil, stones, debris, wrapping material, canes, ties, temporary labelling, rubbish, prunings and other arisings: Remove.

690 TOPSOIL STORAGE HEAPS

- Location: Throughout the site.
- Height (maximum): 1.0 m.
- Width (maximum): 2.0 m.
- Protection:
 - Do not place any other material on top of storage heaps.
 - Do not allow construction plant to pass over storage heaps.Prevent compaction and contamination, by fencing and covering as appropriate.

695 CULTIVATION

- Compacted topsoil: Break up to full depth.
- Tilth: Loosen, aerate and break up topsoil to a tilth suitable for blade grading.
 - Depth: 150 mm.
 - Particle size (maximum): 2-8 mm.
 - Timing: Within a few days before planting.
 - Weather and ground conditions: Suitably dry.
- Surface: Leave regular and even.
- Levels: 25 mm above adjoining paving or kerbs and 50 mm above adjoining lawns.
- Undesirable material brought to the surface: Remove visible weeds, roots and large stones with any dimension exceeding 50 mm.
- Soil within root spread of trees and shrubs to be retained: Do not dig or cultivate.

700 GRADING OF TOPSOIL

- Topsoil condition: Reasonably dry and workable.
- Contours: Smooth and flowing, with falls for adequate drainage.
 - Hollows and ridges: Not permitted.
- Finished levels after settlement: 25 mm above adjoining paving, kerbs, manholes etc.
- Blade grading: May be used to adjust topsoil levels provided depth of topsoil is nowhere less than 100 mm.
- Give notice: If required levels cannot be achieved by movement of existing soil.

705 HANDLING TOPSOIL

- Aggressive weeds: Give notice and obtain instructions before moving topsoil.
- Plant: Select and use plant to minimize disturbance, trafficking and compaction.
- Contamination: Do not mix topsoil with:
 - Subsoil, stone, hardcore, rubbish or material from demolition work.
 - Other grades of topsoil.
- Multiple handling: Keep to a minimum. Use or stockpile topsoil immediately after stripping.
- Wet conditions: Handle topsoil in the driest condition possible. Do not handle during or after heavy rainfall or when it is wetter than the plastic limit less 3%, to BS 1377-2.

710 SPREADING TOPSOIL

- Temporary roads/ surfacing: Remove before spreading topsoil.
- Layers:
 - Depth (maximum): 150 mm.
 - Gently firm each layer before spreading the next.
- Depths after firming and settlement (minimum): 150 mm for grass areas, 450mm for ornamental planting areas and 800mm for trees.
- Crumb structure: Do not compact topsoil. Preserve a friable texture of separate visible crumbs wherever possible.

720 FINISHED LEVELS OF TOPSOIL AFTER SETTLEMENT

- Above adjoining paving or kerbs: 25 mm.
- Below dpc of adjoining buildings: Not less than 150 mm.
- Shrub areas: Higher than adjoining grass areas by 50 mm.
- Within root spread of existing trees: Unchanged.
- Adjoining soil areas: Marry in.
- Thickness of turf or mulch: Included.

COMPLETION

905 APPLYING MAINTENANCE FERTILIZER

- Time of year: March or April.
- Application: Evenly spread, carefully incorporating below mulch materials.
- Rate: To manufacturer's recommendations.

Q30 Seeding/turfing

To be read with Preliminaries/General conditions.

GENERAL INFORMATION/REQUIREMENTS

115 SEEDED AND TURFED AREAS

- Growth and development: Healthy, vigorous grass sward, free from the visible effects of pests, weeds and disease.
- Appearance: A closely knit, continuous ground cover of even density, height and colour.

120 CLIMATIC CONDITIONS

- General: Carry out the work while soil and weather conditions are suitable.

145 WATERING

- Quantity: Wet full depth of topsoil.
- Application: Even and without displacing seed, seedlings or soil.
- Frequency: As necessary to ensure the establishment and continued thriving of all seeding/turfing.

160 NOTICE

- Give notice before:
 - Setting out.
 - Applying herbicide.
 - Applying fertilizer.
 - Preparing seed bed.
 - Seeding or turfing.
 - Visiting site during maintenance period.
- Period of notice: 1 week.

170 SETTING OUT

- Boundaries: Mark clearly.
- Delineation: In straight lines or smoothly flowing curves as shown on drawings.

PREPARATION

210 HERBICIDE FOR ALL GRASSED AREAS

- Type: Suitable for suppressing perennial weeds.
- Timing: Allow fallow period before cultivation.
 - Duration: As manufacturer's recommendation.

280 FINAL CULTIVATION

- Timing: After grading and fertilizing.
- Seed bed: Reduce to fine, firm tilth with good crumb structure.
 - Depth: 25 mm.
 - Surface preparation: Rake to a true, even surface, friable and lightly firmed but not over compacted.
 - Remove surface stones/earth clods exceeding:
 - General areas: 40 mm.
 - Fine lawn areas: 10 mm.
- Adjacent levels: Extend cultivation into existing adjacent grassed areas sufficient to ensure full marrying in of levels.

SEEDING

311 GRASS SEEDFOR ALL GRASSED AREAS

- Supplier: Submit proposals.
 - Mixture reference: Submit proposals.
- Application rate: 34-50 g/m².

319 QUALITY OF SEEDFOR ALL GRASSED AREAS

- Freshness: Produced for the current growing season.
- Certification: Blue label certified varieties.
 - Standard: EC purity and germination regulations.
 - Official Seed Testing Station certificate of germination, purity and composition: Submit when requested.
- Samples of mixtures: Submit when requested.

330 SOWING

- General: Establish good seed contact with the root zone.
- Method: To suit soil type, proposed usage, location and weather conditions during and after sowing.
 - Distribution: 2 equal sowings at right angles to each other.

335 GRASS SOWING SEASON

- Grass seed generally: April to June or August to October.

PROTECTING/CUTTING

530 FIRST CUT OF GRASSED AREAS

- Timing: When grass is reasonably dry.
 - Height of initial growth: 75 mm.
- Preparation:
 - Debris and litter: Remove.
 - Stones and earth clods larger than 25 mm in any dimension: Remove
- Height of first cut: 40 mm.
- Mower type: Rotary.
- Arisings: Remove from site.

590 CLEANLINESS

- Soil and arisings: Remove from hard surfaces.
- General: Leave the works in a clean, tidy condition at Completion and after any maintenance operations.

MAINTENANCE

610 FAILURES OF SEEDING/TURFING

- Duration: Carry out the following operations from completion of seeding/ turfing until: the end of the rectification period.
- Defective materials or workmanship: Areas that have failed to thrive.
 - Exclusions: Theft or malicious damage.
- Method of making good: Recultivation and reseeding/ returfing.
- Timing of making good: The next suitable planting season.

Q31 External planting

To be read with Preliminaries/General conditions.

GENERAL INFORMATION/ REQUIREMENTS

112A SITE CLEARANCE GENERALLY

- General: Remove rubbish, concrete, metal, glass, decayed vegetation and contaminated topsoil.
- Stones: Remove those with any dimension exceeding 50 mm.
- Contamination: Remove material containing toxins, pathogens or other extraneous substances harmful to plant, animal or human life.
- Vegetation: Clear scrub to ground level by flail mowing and remove arisings; retain and protect trees.
- Large roots: Grub up and dispose of without undue disturbance of soil and adjacent areas.
- Additional requirements: Remove remnants of old fence posts and mesh.

118 SOIL CONDITIONS

- Soil for cultivating and planting: Moist, friable and (excepting aquatic/ marginal planting) not waterlogged.
- Frozen or snow covered soil: Give notice before planting. Provide additional root protection. Prevent planting pit sides and bases and backfill materials from freezing.

120 CLIMATIC CONDITIONS

- General: Carry out the work while soil and weather conditions are suitable.
 - Strong winds: Do not plant.

125 TIMES OF YEAR FOR PLANTING

- Deciduous trees and shrubs: Late October to late March.
- Conifers and evergreens: September/ October or April/ May.
- Herbaceous plants (including marginal): September/ October or March/ April.
- Container grown plants: At any time if ground and weather conditions are favourable.
 - Watering and weed control: Provide as necessary.
- Dried bulbs, corms and tubers: September/ October.
- Colchicum (crocus): July/ August.
- Green bulbs: After flowering in spring.
- Wildflower plugs: Late August to mid November or March/ April.
- Aquatic plants: May/ June or September/ October.

130 MECHANICAL TOOLS

- Restrictions: Do not use within 100 mm of tree and plant stems.

145 WATERING

- Quantity: Wet full depth of topsoil.
- Application: Even and without damaging or displacing plants or soil.
- Frequency: As necessary to ensure establishment and continued thriving of planting.

150 WATER RESTRICTIONS

- General: If water supply is or is likely to be restricted by emergency legislation, do not carry out planting until instructed. If planting has been carried out, obtain instructions on watering.

160 NOTICE

- Give notice before:
 - Setting out.
 - Applying herbicide.
 - Applying fertilizer.
 - Delivery of plants/ trees.
 - Planting shrubs.
 - Planting trees into previously dug pits.
 - Watering.
 - Visiting site during maintenance period.
- Period of notice: One week.

165 PREPARATION, PLANTING AND MULCHING MATERIALS

- General: Free from toxins, pathogens or other extraneous substances harmful to plant, animal or human life.
- Certification of source, analysis, suitability for purpose and absence of harmful substances:
 - Submit.
 - Certified materials: Submit proposals.
 - Give notice before ordering or using.

200 PLANTS/ TREES - GENERAL

- Condition: Materially undamaged, sturdy, healthy and vigorous.
- Appearance: Of good shape and without elongated shoots.
- Hardiness: Grown in a suitable environment and hardened off.
- Health: Free from pests, diseases, discolouration, weeds and physiological disorders.
- Budded or grafted plants: Bottom worked.
- Root system and condition: Balanced with branch system.
 - Standard: The National Plant Specification.
- Species: True to name.
- Origin/ Provenance: British grown.

Definition: Origin and Provenance have the meaning given in the National Plant Specification.

215 PLANTS/ TREES - SPECIFICATION CRITERIA

- Name, forms, dimensions, provenance and other criteria: As scheduled and defined in the National Plant Specification.

235 CONTAINER GROWN PLANTS/ TREES

- Growing medium: With adequate nutrients for plants to thrive until permanently planted.
- Plants: Centred in containers, firmed and well watered.
- Root growth: Substantially filling containers, but not root bound, and in a condition conducive to successful transplanting.
- Hardiness: Grown in the open for at least two months before being supplied.
- Containers: With holes adequate for drainage when placed on any substrate commonly used under irrigation systems.

245 LABELLING AND INFORMATION

- General: Provide each plant/ tree or group of plants/ trees of a single species or cultivar with supplier's labelling for delivery to site, showing:
 - Full botanical name.
 - Total number.
 - Number of bundles.
 - Part bundles.
 - Supplier's name.
 - Employer's name and project reference.
 - Plant specification, in accordance with scheduled National Plant Specification categories.
- Additional information: Submit on request:
 - Country of origin;
 - Potting dates;
 - Propagation method and dates;
 - Pruning dates; and
 - Type of container.

255 PLANTS/ TREES RESERVED AT SUPPLIER'S PREMISES

- Types/ Species: As plant schedule.
- Predelivery inspection: Give notice.
- Labelling: Identify inspected plants/ trees as reserved for use on this project.

260 PLANT/ TREE SUBSTITUTION

- Plants/ trees unobtainable or known to be likely to be unobtainable at time of ordering: Submit alternatives, stating:
 - Price.
 - Difference from specified plants/ trees.
- Approval: Obtain before making any substitution.

265A PLANT HANDLING, STORAGE TRANSPORT AND PLANTING

- Standard: To HTA 'Handling and establishing landscape plants'.
- Frost: Protect plants from frost.
- Handling: Handle plants with care. Protect from mechanical damage and do not subject to shock, e.g. by dropping from a vehicle.
- Plant packaging: Coextruded polyethylene bags with black interior and white exterior.
 - All bare roots plants to be supplied in bags containing and enclosing the whole root system. Transplants should be supplied with shoots and roots fully enclosed in the bag, whereas larger shrubs and trees should have only the root system enclosed. The bag should be coextruded polythene bags with black interior and white exterior with larger trees packaged as follows:
 - * 6-8cm and 8-10cm girth trees = 3Nr trees per bag
 - All plants shall be adequately packaged and protected during transportation from source to planting on site. To minimise storage of plant stock, operations are to be arranged so that trees and shrubs are planted immediately after each planting pit is prepared.
- Packaging of bulk quantities: Pallets or bins sealed with polyethylene and shrink wrapped.
- Storage - Plants and trees to be stored in a secure and protected from site operations and over exposure to adverse weather conditions.
- Planting: Upright or well balanced with best side to front.

280 TREATMENT OF TREE WOUNDS

- Cutting: Keep wounds as small as possible.
 - Cut cleanly back to sound wood using sharp, clean tools.
 - Leave branch collars. Do not cut flush with stem or trunk.
 - Set cuts so that water will not collect on cut area.
- Fungicide/ Sealant: Do not apply unless instructed.

290 SURPLUS MATERIAL

- Subsoil, stones, debris, wrapping material, canes, ties, temporary labelling, rubbish, prunings and other arisings: Remove.

PREPARATION OF PLANTING BEDS/ PLANTING MATERIALS

300 HERBICIDETO CLEAR OVERGROWN BEDS

- Locations: All planting areas.
- Type: Suitable for suppressing perennial weeds.
- Timing: Allow fallow period before cultivation.
 - Duration (minimum): As manufacturer's recommendation.

305 WEED CONTROLFOR INVASIVE NON-NATIVE WEEDS

- Locations: All planting areas.
- General: Prevent weeds from seeding and perennial weeds from becoming established, in accordance with the Environment Agency 'Managing Japanese knotweed on development sites. The knotweed code of practice'.

375 CULTIVATION

- Compacted topsoil: Break up to full depth.
- Cultivation: Loosen, aerate and break up soil into particles of 2-8 mm.
 - Depth: 350 mm.
 - Timing: Within a few days before planting.
 - Weather and ground conditions: Suitably dry.
- Surface: Leave regular and even.
- Levels:
 - 25 mm above adjoining paving or kerbs;
 - 50 mm above adjoining lawns; and
 - Minimum 150 mm below dpc of adjoining buildings.
- Undesirable material brought to the surface: Remove visible weeds, roots and large stones with any dimension exceeding 30 mm.
- Soil within root spread of trees and shrubs to be retained: Do not dig or cultivate.

471 NATURALIZED HEDGES

- Planting: In trenches large enough to take full spread of roots. Set out plants evenly.

472 FENCING SUPPORT FOR NEW HEDGES

- Type: Timber post and general pattern wire mesh.
- Standard: To BS 1722-2.
- Height: 600 mm.
- Timing: Before planting hedge.
- Support: Lightly secure hedge plants to fence wires at appropriate intervals.

480 AFTER PLANTING

- Watering: Immediately after planting, thoroughly and without damaging or displacing plants or soil.
- Firming: Lightly firm soil around plants and fork and/ or rake soil, without damaging roots, to a fine tilth with gentle cambers and no hollows.
- Top dressing: Not required.
 - Depth: N/A.

PLANTING TREES

500 ANTIDESICCANT FOR CONIFERS/ EVERGREENS

- Manufacturer: Contractor's choice.
 - Product reference: Contractor's choice.
- Application: Dip in or thoroughly spray before delivering to site. Spray again soon after planting.
 - Do not apply in wet or frosty weather.Ensure full coverage of underside of foliage.

505 TREE PITS

- Sizes: 75 mm deeper than root system and wide enough to accommodate roots when fully spread.
- Sloping ground: Maintain horizontal bases and vertical sides with no less than minimum depth throughout.
- Pit bottoms: With slightly raised centre. Break up to a depth of 200 mm.
 - Treatment: Soil ameliorant worked into pit bottoms.
- Pit sides: Scarify.
- Backfilling material: Amsterdam tree soil.
- Accessories: Perforated plastics irrigation/ ventilation pipe and Root barrier.

510 TREE PIT ROOT BARRIERS

- Locations: Wherever the installed rootball will be within 3.0 m of an existing underground service route.
- Manufacturer: Greenleaf.
 - Product reference: ReRoot 2000.
- Depth of top of root barrier below finished soil level: 75 mm.
- Installation: With sides vertical.

512 TREE PIT ACCESSORIES

- Locations: All tree pits.
- Manufacturer: Contractor's choice.
 - Product reference: Submit proposals.
- Type: Perforated plastics irrigation pipe, 50 mm diameter, in circle above and around sides of rootball, with plastics cap.

515 TREE PIT DRAINAGE

- Depth of excavation: Increase from specified size to allow for aggregate layer, with base slightly falling to outlet.
- Aggregate layer: Clean gravel or broken stone, with no fines, graded 40 to 20 mm.
 - Depth: 150 mm.
- Drainage pipes:
 - Type: N/A.
 - Diameter: N/A.
 - Position: Lay around perimeter of pit within aggregate layer.
 - Discharge: N/A.
- Geotextile filter:
 - Manufacturer: Contractor's choice.
 - Product reference: Contractor's choice.
 - Position: Lay over aggregate before installing tree or backfill.
- Completed pits: Test for free drainage before planting.

525 SEMIMATURE TREES

- Standard: Prepare roots and transplant to BS 4043.
- Backfilling material: As clause 585.
- Support: Short double staking.
- Protection: Tree guards as section Q50.

535 STAKING GENERALLY

- Stakes: Softwood, peeled chestnut, larch or oak, straight, free from projections and large or edge knots and with pointed lower end.
 - Preservative treatment: Alkaline Copper Quaternary (ACQ).
- Nails: To BS 1202-1, galvanized, minimum 25 mm long and with 10 mm diameter heads.
- Stake size (minimum): 50 mm diameter.

545 LONG SINGLE STAKING FORFEATHERED TREES AND EXTRA HEAVY STANDARD STREET TREES

- Staking: Position stake close to tree on windward side and drive vertically at least 300 mm into bottom of pit before planting.
 - Backfilling: Consolidate material around stake.
- Height of stakes: Cut off just below lowest branch of tree.
- Ties: Adjustable ties.
- Tying: Secure tree firmly but not rigidly to stake with at least two ties. Use three ties if necessary to prevent tree touching stake.
 - Position: Top tie within 25 mm of top of stake and lower tie approximately halfway down.

575 SHORT DOUBLE STAKING FORHEAVY STANDARD TREES IN SOFT LANDSCAPING

- Staking: Drive stakes vertically at least 300 mm into bottom of pit on either side of tree position before planting.
 - Backfilling: Consolidate material around stakes.
- Height of stakes: Cut to approximately 600 mm above ground level.
- Cross bar: Wood, as stake.
 - Firmly fix on windward side of tree and as close as possible to stem.
- Ties: Adjustable ties.
- Tying: Secure tree firmly but not rigidly to cross bar.

586 TREE BACKFILLING MATERIAL

- Composition: Previously prepared mixture of topsoil excavated from pit and additional topsoil as required.
- Ameliorant/ Conditioner: Sanitized and stabilized compost.
 - Application rate: 1 m³ per 10 m³ of topsoil.
- Fertilizer: Organic.
 - Application rate: To suit soil report recommendations.

590 MULCHING TREES

- Material: Medium grade bark mulch.
 - Purity: Free of pests, disease, fungus and weeds.
 - Recycled content: None permitted.
- Preparation: Clear all weeds. Water soil thoroughly.
- Coverage: Over an area of 1.2 x 1.2 m with the tree in the centre.
- Finished level of mulch: 50 mm below adjacent grassed or paved areas.

595 TREE PROTECTION

- Manufacturer: Contractor's choice.
 - Product reference: Contractor's choice.
- Type: Spiral.
- Material: Polyethylene.
- Size: 0.6 m high x 150 mm diameter.
- Colour: Transparent.
- Support: Single timber stake.
- General: Ensure that protection methods do not impede natural movement of trees or restrict growth.

WOODLAND/ MATRIX/ BUFFER ZONE PLANTING

600 WOODLAND WORK GENERALLY

- Services: Check for below and above ground services, including land drainage, in the vicinity. Give notice if they may be affected and obtain instructions before proceeding.
- Safety: Comply with Arboriculture and Forestry Advisory Group Safety leaflets.

605 EXISTING VEGETATION/ WEED CLEARANCE

- Surface vegetation clearance: Screef an area one metre diameter around each planting location.
- Arisings: Remove.

615 EXISTING TREES/ SEEDLINGS/ COPPICE SHOOTS

- Existing trees and seedlings: Retain.
- Coppice shoots: Remove all stems and treat with suitable herbicide to prevent regrowth.

625 CULTIVATION

- General: Rotary cultivate to full depth of topsoil.
- Consolidation: Leave for one month.
- Soil within root spread of trees to be retained: Do not plough or cultivate.

635 NOTCH PLANTING IN UNCULTIVATED GROUND

- Notching: Make a vertical 'I', 'L', 'T' or 'H' notch.
 - Depth: To accommodate full depth of roots.
- Planting: Plant tree, close notch with root collar at ground level and firm the soil.

680 SETTING OUT

- Planting density: 1m centres.
- Layout: Random groups of no less than 3 or more than 7 of the same species, ensuring that no three plants are aligned in any one direction.

PROTECTING/ MAINTAINING/ MAKING GOOD DEFECTS

710 MAINTENANCE

- Duration: Carry out the operations in the following clauses from completion of planting until the end of the rectification period.
- Frequency of maintenance visits: In accordance with the agreed maintenance schedule.

720 FAILURES OF PLANTING

- Defects due to materials or workmanship not in accordance with the Contract: Plants/ trees/ shrubs that have failed to thrive.
 - Exclusions: Theft or malicious damage after completion.
 - Rectification: Replace with equivalent plants/ trees/ shrubs.
- Replacements: To match size of adjacent or nearby plants of same species or match original specification, whichever is the greater.
- Timing of making good: During the next suitable planting season.

740 CLEANLINESS

- Soil and arisings: Remove from hard surfaces and grassed areas.
- General: Leave the works in a clean tidy condition at completion and after any maintenance operations.

750 PLANTING MAINTENANCE GENERALLY

- Weed control: Maintain weed free area around each tree and shrub.
 - Diameter (minimum): The larger of 1 m or the surface of original planting pit.
 - Keep planting beds clear of weeds: By use of approved non-residual herbicides.
- Planted areas: Fork over beds as necessary to keep soil loose, with gentle cambers and no hollows. Take care not to reduce depth or effect of mulch.
- Precautions: Ensure that trees and shrubs are not damaged by use of mowers, nylon filament rotary cutters and similar powered tools.
- Staking: Check condition of stakes, ties, guys and guards.
 - Broken or missing items: Replace.
 - Rubbing: Prevent.
 - Ties: Adjust to accommodate growth.
 - Damage to bark: Cut back neatly with sharp knife. Prevent further damage.
 - Frequency of checks: At each scheduled maintenance visit.
- Firming up: Gently firm loosened soil around trees/ shrubs. Straighten leaning trees/ shrubs.
- Trees: Spray crown when in leaf during warm weather.
 - Timing: After dusk.
- Watering: Contractor's choice to maintain and establish.

755 PLANTING MAINTENANCE - FERTILIZER

- Time of year: March or April.
- Fertilizer: Slow release.
 - Manufacturer: Contractor's choice.
 - Product reference: Contractor's choice.
- Application: Evenly spread, carefully incorporating below mulch materials.
- Application rate: To manufacturer's recommendations.

760 PLANTING MAINTENANCE - PRUNING

- General: Prune to promote healthy growth and natural shape.
 - Dead, dying, diseased wood and suckers: Remove.
 - Timing: In accordance with the agreed maintenance schedule.
 - Trees: Favour a single central leading shoot.
- Arisings: Remove.

770 WOODLAND PLANTING MAINTENANCE

- Watering: Only as necessary to prevent plants wilting.
- Loose plants: Refirm surrounding soil, without compacting.
- Weed control: Cut down and remove weeds prior to setting seed in a 1 m diameter area around each tree.
- Vegetation except trees and coppice shoots to be retained: Cut within the plantation area.
 - Height (maximum): 75 mm.
 - Arisings: Leave between rows.
- Mechanical, chemical or mulching methods of vegetation control: Submit proposals.
- Ditches and drains: Keep clear.
- Watering: Contractor's choice.

780 MAINTENANCE INSTRUCTIONS

- General: Before end of the maintenance period, submit printed instructions recommending procedures to be established by the Employer for maintenance of the planting work for one full year: Provide details of any special procedures to be carried out.

790 FINAL MULCHING

- Timing: At end of the maintenance period.
- Watering: Ensure that soil is thoroughly moistened prior to remulching, applying water where necessary.
- Planting beds: Remulch.
 - Depth (minimum): 75 mm.
- Trees: Remulch.
 - Depth (minimum): 75 mm.

Q35 Landscape maintenance

To be read with Preliminaries/ General conditions.

GENERALLY

105 MAINTENANCE OBJECTIVES

- Location: All landscape areas.
 - Duration: Five years.
- Aims:
 - Enhanced landscape quality;
 - Improved landscape visual amenity;
 - Provide wildlife habitat and increase biodiversity; and
 - To encourage natural woodland regeneration.
- Restrictions: Not applicable.
- Results: As scheduled.

110 NOTICE

- Give notice before:
 - Application of herbicide.
 - Application of fertilizer.
 - Watering.
 - Each site maintenance visit.
- Period of notice: 7 days.

130 REINSTATEMENT

- Damage or disturbance to soil structure, planting, grass, fencing, hard landscaping, structures or buildings: Reinstate to original condition.

140 CONTROL OF MAMMALIAN PESTS

- Specialist firms: Submit proposals.
 - Method: Submit proposals.

145 CONTROL OF INVASIVE ANIMAL SPECIES

- Specialist firms: Submit proposals.
- Species: European rabbit.
- Location: Whole site.
- Method: Submit proposals.

155 WATERING

- Supply: Potable mains water.
- Quantity: Wet full depth of topsoil .
- Application: Do not damage or loosen plants.
- Compacted soil: Loosen or scoop out, to direct water to rootzone.
- Frequency: As necessary for the continued thriving of all planting.

160 WATER RESTRICTIONS

- General: If water supply is, or is likely to be, restricted by emergency legislation, submit proposals for an alternative suitable source of water. Obtain instructions before proceeding.

170 DISPOSAL OF ARISINGS

- General: Unless specified otherwise, dispose of arisings as follows:
 - Biodegradable arisings: Remove to recycling facility.
 - Grass cuttings: Remove to recycling facility.
 - Tree roots and stumps: Remove from site.
 - Shrub and tree prunings: Remove to recycling facility.
 - Litter and nonbiodegradable arisings: Remove from site.

180 CHIPPING OR SHREDDING

- General: Not permitted on site.

181 MECHANICAL EQUIPMENT

- General: Minimize.
- Prohibited equipment: Chippers.
- Timing: Use of mechanical equipment allowed between the hours of 10:00 am and 4:00 pm only.

190 LITTER

- Extraneous rubbish not arising from the contract work: Collect and remove from site.

197 CLEANLINESS

- Soil and arisings: Remove from hard surfaces.
- General: Leave the works in a clean, tidy condition at completion and after any maintenance operations.

SHRUBS/TREES/HEDGES

500 ESTABLISHMENT OF NEW PLANTING

- Duration: Five years.
- Weed control:
 - Method: Keep planting beds clear of weeds by maintaining full thickness of mulch.
 - Area: Maintain a weed free area around each tree and shrub, minimum diameter the larger of 1 m or the surface of the original planting pit.
- Soil condition: Fork over beds to keep soil loose, with gentle cambers and no hollows. Do not reduce depth or effect of mulch.
- Watering: Contractor's choice.

502 ESTABLISHMENT OF NEW PLANTING - FERTILIZER

- Time of year: March or April.
- Type: Slow release.
- Spreading: Spread evenly. Carefully lift and replace any mulch materials.
 - Application rate: As manufacturer's recommendations.

510 TREE STAKES AND TIES

- Inspection/ Maintenance times: As scheduled and immediately after strong winds.
- Stakes:
 - Replace loose, broken or decayed stakes to original specification.
 - If longer than half of clear tree stem height, cut to this height in spring. Retie to tree firmly but not tightly with a single tie.
- Ties: Adjust, refix or replace loose or defective ties, allowing for growth and to prevent chafing.
 - Where chafing has occurred, reposition or replace ties to prevent further chafing.
- Removal of stakes and ties: When instructed.
 - Fill stake holes with lightly compacted soil.

520 REFIRMING OF TREES AND SHRUBS

- Timing: After strong winds, frost heave and other disturbances.
- Refirming: Tread around the base until firmly bedded.
- Collars in soil at base of tree stems, created by tree movement: Break up by fork, avoiding damage to roots. Backfill with topsoil and refirm.

525 TREE GUARDS

- Loose or defective guards: Adjust, refix or replace to original specification and to prevent chafing.

540 PRUNING GENERALLY

- Pruning: In accordance with good horticultural and arboricultural practice.
 - Removing branches: Do not damage or tear the stem or bark.
 - Wounds: Keep as small as possible and cut cleanly back to sound wood.
 - Cutting: Make cuts above and sloping away from an outward facing healthy bud, angled so that water will not collect on cut area.
 - Larger branches: Prune neither flush nor leaving a stub, but using the branch bark ridge or branch collar as a pruning guide.
- Appearance: Thin, trim and shape each specimen appropriately to species, location, season, and stage of growth, leaving a well balanced natural appearance.
- Tools: Use clean sharp secateurs, hand saws or other approved tools. Trim off ragged edges of bark or wood with a sharp knife.
- Disease or infection: Give notice if detected.
- Growth retardants, fungicide or pruning sealant: Do not use unless instructed.

545 PRUNING OF EXCESSIVE OVERHANG

- Timing: Annually.
- Operations: Remove growth encroaching onto grassed areas, paths, roads, signs, sightlines and road lighting luminaires.
- Special requirements: None.

550 PRUNING OF EXCESSIVE HEIGHT

- Timing: Annually.
Operations: Remove excessive height As instructed.

555 PRUNING TREES AND SHRUBS

- Standard: To BS 7370-4.
- Special requirements: Growth retardants not permitted.

620 REMOVAL OF DEAD PLANT MATERIAL

- Operations: At the end of the growing season, check all shrubs and remove all dead foliage, dead wood, and broken or damaged branches and stems.

630 DEAD AND DISEASED PLANTS

- Removal: As soon as possible.
- Replacement: In the next suitable planting season.

645 WEED CONTROL GENERALLY

- Weed tolerance: At all times, weed cover less than 5% and no weed to exceed 100 mm high.
- Adjacent plants, trees and grass: Do not damage.

650 HAND WEEDING

- General: Remove weeds entirely, including roots.
- Disturbance: Remove the minimum quantity of soil, and disturb plants, bulbs and mulched surfaces as little as possible.
- Completion: Rake area to a neat, clean condition.
- Mulch: Reinstate to original depth.

655 WEED CUTTING BY HAND OR MACHINE

- Undesirable grass, brambles and herbaceous growth: Cut down cleanly to a maximum height of 50 mm.
- Herbicides: Remove arisings before application.

657 HERBICIDE TO KILL REGROWTH

- Type: Suitable foliar acting herbicide to kill regrowth.
- Timing: Allow recommended period for herbicide to take effect before clearing dead weeds.

665 WEED CONTROL WITH WINTER HERBICIDE

- Type: Suitable residual soil acting herbicide.
- Time of year: Unless otherwise agreed, complete before end of March.
- Timing: Allow recommended period for herbicide to take effect before clearing dead weeds.

670 WEED CONTROL WITH SUMMER HERBICIDE

- Type: Suitable foliar acting herbicide.
- Timing: Allow recommended period for herbicide to take effect before clearing dead weeds.

680 SOIL AERATION

- Compacted soil surfaces:
 - Prick up: To aerate the soil of root areas and break surface crust.
 - Size of lumps: Reduce to crumb and level off.

Damage: Do not damage plants and their roots.

690 MAINTENANCE OF LOOSE MULCH

- Thickness (minimum): 75 mm.
 - Top up: Twice per year.
- Mulch spill on adjacent areas: Remove weeds and rubbish and return to planted area.
- Weeding: Remove weeds growing on or in mulch by hand weeding.

710 WOODLAND PLANTING MAINTENANCE

- Watering: In exceptional circumstances to prevent plants dying.
- Loose plants: Refirm surrounding soil, without compacting.
- Vegetation: Except trees and coppice shoots to be retained, cut down to 100 mm above ground level within the plantation area.
 - Arisings: Leave between rows.
- Ditches and drains: Keep clear.

TREE WORK

810 TREE WORK GENERALLY

- Identification: Before starting work agree which trees, shrubs and hedges are to be removed or pruned.
- Protection: Avoid damage to neighbouring trees, plants and property.
- Standards: To BS 3998 and Health & Safety Executive (HSE) 'Forestry and arboriculture safety leaflets'.
- Removing branches: Cut as Arboricultural Association Leaflet 'Mature tree management'. Cut vertical branches similarly, with no more slope on the cut surface than is necessary to shed rainwater.
- Appearance: Leave trees with a well balanced natural appearance.
- Chain saw work: Operatives must hold a Certificate of Competence.
- Tree work: To be carried out by an approved member of the Arboricultural Association.

815 ADDITIONAL WORK

- Defective, diseased, unsafe or weak parts of trees additional to those scheduled for attention: Give notice if detected.

820 PREVENTION OF WOUND BLEEDING

- Standard: To BS 3998, clause 8.

825 PREVENTION OF DISEASE TRANSMISSION

- Standard: To BS 3998, clause 9 and Appendix B.

830 CLEANING OUT AND DEADWOODING

- Remove:
 - Dead, dying, or diseased wood, broken branches and stubs.
 - Fungal growths and fruiting bodies.
 - Rubbish, wind blown or accumulated in branch forks.
 - Wires, clamps, boards and metal objects, if removable without causing further damage and not part of a support structure that is to be retained.
 - Other unwanted objects, e.g. tree houses, swings.
 - Climbing plants as schedule.

835 CUTTING AND PRUNING GENERALLY

- Tools: Appropriate, well maintained and sharp.
- Final pruning cuts:
 - Chainsaws: Do not use on branches of less than 50 mm diameter.
 - Hand saws: Form a smooth cut surface.
 - Anvil type secateurs: Do not use.
- Removing branches: Do not damage or tear the stem.
- Wounds: Keep as small as possible, cut cleanly back to sound wood leaving a smooth surface, and angled so that water will not collect on the cut area.
- Cutting: Cut at a fork or at the main stem to avoid stumps wherever possible.
Large branches: Remove only with prior approval.
 - Remove in small sections and lower to ground with ropes and slings.
- Dead branches and stubs: When removing, do not cut into live wood.
- Unsafe branches: Remove epicormic shoots and potentially weak forks that could fail in adverse weather conditions.
- Disease or fungus: Give notice if detected. Do not apply fungicide or sealant unless instructed.

860 REMOVING TREES, SHRUBS AND HEDGES

- Standards: To BS 3998, Appendix A and Health & Safety Executive (HSE)/ Arboricultural and Forestry Advisory Group Safety Leaflets.
- Existing services: Check for below and above ground services. Give notice if they may be affected.
- Shrubs and smaller trees: Cut down and grub up roots.
- Tree stumps:
 - Removal: Remove mechanically to a minimum depth of 300 mm below ground level.
 - Removal by winching: Give notice. Do not use other trees as supports or anchors.
- Protection: Avoid damage to neighbouring trees, plants and property.
- Work near retained trees: Where tree canopies overlap and in confined spaces generally, take down trees carefully in small sections to avoid damage to adjacent trees that are to be retained.
- Filling holes:
 - Material: Use as-dug material and/ or imported soil as required.
 - Finishing: Consolidate and grade to marry in with surrounding ground level.

865 BARK DAMAGE

- Wounds:
 - Do not attempt to stop sap bleeding.
 - Bark: Remove ragged edges using a sharp knife.
 - Wood: Remove splintered wood from deep wounds.
 - Size: Keep wounds as small as possible.
- Liquid or flux oozing from apparently healthy bark: Give notice.

870 CAVITIES IN TREES

- Investigation: Remove rubbish and rotten wood. Probe the cavity to find the extent of any decay, and give notice.
- Water filled cavities: Do not drain.
- Sound wood inside cavities: Do not remove.
- Cavity openings: Do not cover.

920 FENCING

- Fences: Inspect and repair to maintain protection against intruders.

Q40 Fencing

To be read with Preliminaries/ General conditions.

FENCING SYSTEMS

140 GENERAL PATTERN WIRE MESH FENCING

- Manufacturer: Contractor's choice.
 - Product reference: Submit proposals.
- Standard: To BS 1722-2.
- Height: 1000 mm.
- Mesh: Hexagonal, 31 x 900 x 18 to BS EN10223-2.
- Posts and struts: Round wood.
 - Treatment: Alkaline Copper Quaternary (ACQ).
 - Finish: Contractor's choice.
- Maximum centres of posts:
 - Straining posts: 150 m in straight runs and at all ends, corners, changes of direction and acute variations in level.
 - Intermediate posts: 3.5 m.
- Method of setting posts and struts:
 - Straining posts: 450 mm square or 300 mm diameter holes, 600 mm deep filled to two thirds depth with concrete.
 - Struts: 300 x 450 mm holes, 450 mm deep filled to not less than half the depth with concrete.
 - Intermediate posts: Driven to a minimum depth of 600 mm.
- Accessories: None.
- Conformity: Submit manufacturer's and installer's certificates, to BS 1722-2.

140A GENERAL PATTERN WIRE MESH FENCING - RABBIT PROOF FENCING

- Manufacturer: Contractor's choice.
 - Product reference: Submit proposals.
- Standard: To BS 1722-2.
- Height: 1000 mm.
- Mesh: Hexagonal, 31 x 900 x 18 to BS EN10223-2.
- Posts and struts: Round wood.
 - Treatment: Alkaline Copper Quaternary (ACQ).
 - Finish: Contractor's choice.
- Maximum centres of posts:
 - Straining posts: 150 m in straight runs and at all ends, corners, changes of direction and acute variations in level.
 - Intermediate posts: 3.5 m.
- Method of setting posts and struts:
 - Straining posts: 450 mm square or 300 mm diameter holes, 600 mm deep filled to two thirds depth with concrete.
 - Struts: 300 x 450 mm holes, 450 mm deep filled to not less than half the depth with concrete.
 - Intermediate posts: Driven to a minimum depth of 600 mm.
- Accessories: Single leaf field gate and As drawing D3761.001 and 002.
- Conformity: Submit manufacturer's and installer's certificates, to BS 1722-2.

EXECUTION

710 INSTALLATION GENERALLY

- Set out and erect:
 - Alignment: Straight lines or smoothly flowing curves.
 - Tops of posts: Following profile of the ground.
 - Setting posts: Rigid, plumb and to specified depth, or greater where necessary to ensure adequate support.
 - Fixings: All components securely fixed.

720 SETTING POSTS IN CONCRETE

- Standard: To BS 8500-2.
- Mix: Designated concrete not less than GEN1 or Standard prescribed concrete not less than ST2.
- Alternative mix for small quantities: 50 kg Portland cement to 150 kg fine aggregate to 250 kg 20 mm nominal maximum size coarse aggregate, medium workability.
- Admixtures: Do not use.
- Holes: Excavate neatly and with vertical sides.
- Filling: Position post/ strut and fill hole with concrete to not less than the specified depth, well rammed as filling proceeds and consolidated.
- Backfilling of holes not completely filled with concrete: Excavated material, well rammed and consolidated.

750 DRIVEN POSTS

- Damage to heads: Minimize.
 - Repair: Neatly finish post tops after installation.

770 SITE CUTTING OF WOOD

- General: Kept to a minimum.
- Below or near ground level: Cutting prohibited.
- Treatment of surfaces exposed by minor cutting and drilling: Two flood coats of solution recommended for the purpose by main treatment solution manufacturer.

COMPLETION

910 CLEANING

- General: Leave the works in a clean, tidy condition.
- Surfaces: Clean immediately before handover.

920 FIXINGS

- All components: Tighten.
 - Timing: Before handover.

930 GATES

- Hinges, latches and closers: Adjust to provide smooth operation. Lubricate where necessary.
Timing: Before handover.

Q50 Site/street furniture/equipment

To be read with Preliminaries/ General conditions.

260 TREE GUARDSFor Extra Heavy Standard Street Trees

- Manufacturer: Greenleaf.
 - Product reference: Greencoat 3"x1"x12 gauge HDG weldmesh tree guard.
- Material: Steel.
 - Finish: As manufactured.
 - Colour: Green.
- Size: 1800mm x 600mm.
- Accessories/ Special requirements: Adjustable fixing brackets.
- Method of fixing: Secured to stakes using galvanised staples.

Appendix 25D: Maintenance Operations

1.0 Maintenance Operations

Landscape Elements					
Landscape Type	Intentions	Operations	Constraints	When	Frequency
All Sites	Inspections and assessments are required for vegetation to ensure the site is being maintained appropriately.	<p><i>Cleansing</i></p> <p>All litter shall be removed from site and disposed of and any third party fly-tipping that occurs should be removed immediately, according to good practice waste management procedures, such as those set out in Volume 5.26.2C, Outline Waste Management Plan (WMP) to prevent an accumulation of debris.</p> <p><i>Inspections</i></p> <p>Inspections shall be undertaken as part of the maintenance operations and shall include:</p> <p>Assessment of condition and structure of trees (young woodlands and structure planting areas) and requirements for thinning, beating up, formative pruning and addressing branch and stem breakages.</p> <p><i>Defects and Establishment Care of Plants by Contractor</i></p> <p>If any defects, shrinkages or other faults appear within the Rectification Period due to materials, goods or workmanship then the Contractor shall make good such defects, shrinkages or other faults entirely at his own cost unless instructed otherwise. The care of trees, shrubs, grass and other plants after Practical Completion shall be undertaken as part of the 5 year maintenance contract.</p>	Care must be taken during cleansing to check for wildlife, which may be hiding in or under items. Any wildlife found should be returned to suitable cover.	At each inspection	Annually

Landscape Elements					
Landscape Type	Intentions	Operations	Constraints	When	Frequency
		<p>Replacement Planting</p> <p>Any plants that fail shall be disposed of off-site in line with the NBS Landscape Specification (at Volume 5.25.2B, Appendix C) and replaced with equivalent plants, trees or shrubs to match the size of adjacent or nearby plants of the same species (planted as part of the OSPES) or match the original specification, whichever is the greater. Replacement planting shall be undertaken during the next suitable planting season.</p>			
Woodland Structure Planting	Woodland Structure planting will be used alongside hedgerows to improve landscape character and assist in screening or filtering views.	<p>Management of structure planting shall be limited to an assessment of condition and structure of young woodlands and structure planting areas and requirements for thinning, beating up, formative pruning, removal of any guards and addressing branch and stem breakages.</p> <p>Weed control to all structure planting areas shall be limited to spot application to control noxious weeds such as docks, thistles, nettles, ragwort and willowherb and applied in accordance with the Plant Protection Products (Sustainable Use) Regulations, 2012 and the DEFRA Code of Practice for Using Plant Protection Products.</p>	Refer to Ecological Factors	<p>Remove any stakes and guards and protective fencing as necessary, when the planting is suitably established at year 5.</p>	<p>Structure planting will be assessed for thinning at year 5.</p> <p>Weed control and other assessment work will be carried out quarterly</p>

Landscape Elements					
Landscape Type	Intentions	Operations	Constraints	When	Frequency
Tree Planting-proposed	New tree planting is proposed to improve landscape character and assist in screening or filtering views.	<p>Tree Works</p> <p>Where trees are staked, the stakes and ties shall be checked, and where appropriate each tie adjusted, at least twice annually. To reduce excessive competition, a weed free area shall be established and maintained around any trees less than 3m in height to a diameter of 0.5m around the base of the trees.</p> <p>Young trees will require formative pruning to maintain a desirable shape as well as to maintain health and vigour. Any broken or damaged stakes shall be replaced and ties re-fixed at a slightly lower position, allowing for growth since planting.</p> <p>Once trees attain a height of 3m, the maintenance of a weed free base and formative pruning can be discontinued. However, crown pruning is still desirable and any dead or severely damaged trees should be felled and replaced.</p>	Refer to Ecological Factors	Remove stakes and guards as necessary, when the tree is suitably established, at year 5.	Quarterly

Landscape Elements					
Landscape Type	Intentions	Operations	Constraints	When	Frequency
New Hedgerow	Native hedgerows are proposed to improve landscape character and assist in screening or filtering views. New hedgerows will attract a diverse range of wildlife and complement new tree and structure planting.	<p>Maintenance operations during the establishment phase (until branches of adjacent plants fully merge together) shall comprise weed control, repairing protective fencing as required and formative 'facing up' of the hedgerow to establish dense branch growth.</p> <p>During the first five years of establishment, between April and October quarterly inspections of hedgerow shall be undertaken and weeds removed by hand weeding and, if necessary, herbicide (spot application, applied in accordance with the Plant Protection Products (Sustainable Use) Regulations, 2012 and the DEFRA Code of Practice for Using Plant Protection Products. Quarterly inspections and weeding of hedgerows is sufficient in a rural environment and is considered a reasonable proposition for accessing private land. Rabbit proof fencing shall be checked regularly and repaired immediately. Any plant failures shall be replaced.</p> <p>The first cut to newly planted hedgerows is recommended within years 2 to 3 (dependant on growth), and shall consist of 'facing up' either side of the hedge. All hedge cuts must be undertaken using appropriate hand or power tools.</p> <p>The hedge shall be cut in an 'A' shape to maintain a wide base for bird nesting and roosting and if possible only one side shall be cut annually.</p> <p>Additional hedge cutting may be required from a health and safety perspective should there be a good growing season although this is unlikely within the first few years of establishment, but should be monitored.</p>	Refer to Ecological Factors	Cuts to hedgerows are to be scheduled at a time when there is no risk of disturbing breeding birds or mammals (e.g. between October and early February).	See operations column. Newly established hedges faced up after 2 to 3 years, then one side annually.

Landscape Elements					
Landscape Type	Intentions	Operations	Constraints	When	Frequency
Hedgerows- Hedgelaying	<p>Hedgelaying is proposed to existing hedgerows to reinforce landscape character and provide a valuable wildlife habitat.</p> <p>The published landscape assessments recognise the need to enhance the hedgerow network through planting and maintenance. Hedge laying is an important and traditional management operation and would be undertaken in combination with some gapping up using whips and feathered trees, particularly where the base of existing hedgerows are very open.</p>	<p><u>Hedgelaying</u></p> <p>Prior to hedgelaying the hedge, any litter and dead wood and any undesirable species shall be removed.</p> <p>All plants to be laid shall be cut downwards and as near to the ground as possible through approximately 60-80% of the stem. Plants shall be laid in the same direction ensuring any gaps are filled and weaving the laid stems. An appropriate height and width shall be maintained and the top and sides of the hedge shall then be trimmed. Once the hedgelaying has been completed the hedge shall be staked using appropriate materials and spacing.</p> <p><u>General</u></p> <p>The hedge can be trimmed in Winter as required. Additional hedge cutting may be required from a health and safety perspective should there be a good growing season, and in particular where adjacent to footpaths and highways. When appropriate, the hedge will need to be laid again.</p>	Refer to Ecological Factors	<p>Hedgelaying should only be carried out in Winter. No works to hedges should be carried out within the bird nesting season between March and August.</p>	See operations column.

2.0 Factors to be Considered in Maintenance Decisions

Ecological Factors

Invasive Species

2.1 A survey of the area in which the Proposed Development will be constructed has confirmed the presence of invasive plant species listed on Schedule 9 of the Wildlife and Countryside Act 1981. The results of the survey are illustrated at **Volume 5.8.3, Figure 8.3** and discussed in **Volume 5.8.2, Appendix 8E** of the ES.

2.2 Control measures will be put into place for the Proposed Development to control and avoid the spread of invasive plant species, these measures are detailed in Section 3 of the Biodiversity Mitigation Strategy (**Volume 5.26.3C**). However, during implementation and management of planting works in the wider area, there is a risk of encountering invasive plant species. Section 14(2) of the Wildlife and Countryside Act 1981 states that *“if any person plants or otherwise causes to grow in the wild any plant which is included in Part 2 of Schedule 9, they shall be guilty of an offence”*.

2.3 If any Schedule 9 invasive plants are noted within an area proposed for new planting enhancement, to avoid the spread of invasive species into the wild, control measures should be put into place prior to commencement of planting works. When removing any waste from site, it should be carried out in accordance with good practice waste management procedures, such as those set out in **Volume 5.26.2C**, Outline Waste Management Plan and The Waste Management (England and Wales) Regulations 2011.

2.4 Advice covering the identification and appropriate control measures of invasive species can be found at the following links:

<http://www.nonnativespecies.org/index.cfm?sectionid=47>

http://cdn.environment-agency.gov.uk/LIT_5001_d24b8c.PDF

<http://www.pesticides.gov.uk/guidance/industries/pesticides/topics/using-pesticides/codes-of-practice/codes-of-practice-home.htm>

2.5 It is possible that seeds of invasive plant species may be present within the seed bank on the site of planting works. Movement of soil during planting works should be kept to a minimum as this may inadvertently spread seeds of Schedule 9 species.

2.6 Following completion of planting works it is recommended that an annual monitoring survey is undertaken in mid summer (June or July) to check for the presence of Schedule 9 species. If none are found to be present then monitoring can cease. If there has been repopulation from the seed bank, it is recommended that control measures are implemented and monitored with

measures being continued until no further Schedule 9 species are present on site.

Sensitivity of Wildlife Habitats

2.7 All maintenance works must be particularly sensitive to habitats known to support mammals, amphibians, birds and invertebrates. Management should be sensitive to the specific ecological and geological value of the site of planting. Enhancement planting will use species that are locally provenant and that are suitable for the existing environment.

Broad-leaved Scattered Trees

2.8 These habitats are essential for the migration, dispersal and genetic exchange of wild species. Broad-leaved trees in this area have the potential to be used by foraging and commuting bats, hibernating amphibians and a range of nesting and foraging birds. Individual and group tree planting is proposed to increase this valuable habitat.

Hedgerows

2.9 Hedges are likely to be used by birds, bats and amphibians for shelter, commuting and foraging. Therefore the hedges have value to the site and will be supplemented with proposed additional hedgerow planting.

3.0 Monitoring and Review

3.1 Monitoring and review of the planting works will be undertaken by the Landscape Clerk of Works in liaison with the landowner.

Monitoring

3.2 The Landscape Clerk of Works will make periodic inspections of the planting sites as follows:

- an annual site meeting and review with the landowner; and
- occasional ad hoc unannounced inspections to be made to verify condition of planting works and areas used for access for maintenance.

3.3 The results of all of the above inspections and any actions arising will be documented.

Annual Report

3.4 An annual report will be produced by the Landscape Clerk of Works, summarising the works undertaken on sites including maintenance of the sites over the last year and the measures achieved.

Review

- 3.5 The Landscape Clerk of Works will review and update the maintenance schedule on an annual basis to ensure it is meeting the maintenance aims and objectives.
- 3.6 The first five years following completion of planting works are the most important for the establishment of the planting. Before the end of the five year maintenance period, National Grid will provide the landowner with guidance and suggestions for ongoing management of established trees and hedgerows.

Appendix 25E- Gazetteer: Key to Historic Environment Baseline Data

Volume 5.25.2B, Appendix 25E: Gazetteer - Key to Historic Environment

Baseline Data shown at Volume 5.25.3B, Figures 25.3.1-19

ES ID	Other Refs	Name	Asset Type	Section
AR003	PRN29306 & PRN30385	Roman settlement activity east of Summerway Drove, Bridgwater	AR	A
AR004	PRN10225	Linear cropmark (possible canal), E of Bridgwater, Bridgwater Without	AR	A
AR005	PRN11861	Cropmark field system, S and W of Chedzoy	AR	A
AR006	PRN12124	Flint finds, W. of Fisher's Farm, Chedzoy	AR	A
AR007	PRN11855	Ring ditch, S of Fisher's Farm	AR	A
AR008	PRN11853	Ring ditch, E of Fisher's Farm	AR	A
AR009	PRN11862	Air photography reveals the presence of enclosures, ring ditches, pits and field systems, in the form of cropmarks.	AR	A
AR010	PRN11725	Flint and pottery, W of Fisher's Farm, Chedzoy	AR	A
AR011	PRN11852	Cursus, SW of Westfield Farm	AR	A
AR012	PRN11862	Cropmark pits, SW of Westfield Farm	AR	A
AR013	PRN11863	Cropmark boundaries, S of Bradney	AR	A
AR014	PRN10055	Settlement, SW of Bradney Farm, Bawdrip	AR	A
AR015	PRN11722	Pottery scatter and cropmarks, Bradney, Bawdrip	AR	A
AR016	PRN17052	Chapel of All Saints, Bradney, Bawdrip	AR	A
AR017	PRN11253	Enclosures, NNE of Bradley, Bawdrip	AR	A
AR018	PRN11723	Flint and Roman pottery finds, Bradney, Bawdrip	AR	A
AR019	PRN31542, PRN31540 & PRN16159	Roman settlement	AR	A
AR020	PRN10215 & NMR192133	Horsey deserted village, Manor Farm, Horsey	AR	A
AR021	PRN10216	Medieval chapel, Horsey deserted village, Horsey	AR	A
AR022	PRN17045	Sheep Pen, Crandon, Bawdrip	AR	A
AR023	NMR617361, PRN10042	Crook deserted village, Crandon	AR	A
AR024	PRN17044	Sheep Pen, Crandon Bridge, Bawdrip	AR	A
AR025	PRN29181	Possible Duck Decoy, Withy Pool	AR	A
AR026	PRNs 28486, 28487 & 28481	Late iron age and Romano-British activity, Knowle Hill, Bawdrip	AR	A
AR027	NMR653946, PRN44744, PRN12790 PRN27011 & PRN29853	Roman finds, S of Knowle Hall, Bawdrip	AR	A
AR028	PRN10223	Cropmarks, S of Kings Sedgemoor Drain, Bridgwater Without	AR	A
AR029	PRNs 10039, 192336, 634656, 653943-4, 44738-40 & 44743	Romano-British settlement, W of Knowle Hall, Bawdrip	AR	A
AR030	NMR192346	Windmill site	AR	A
AR031	NMR1352223, PRN12894	A bowl barrow was identified by fieldwork in 1998-9 on the crest of the ridge of Knowle Hill.	AR	A

ES ID	Other Refs	Name	Asset Type	Section
AR032	PRN12627	Cropmark boundaries, SE of Puriton	AR	A
AR033	PRN10708	Windmill site, N of Home Covert, Puriton	AR	A
AR034	PRN28482	Probable late bronze age ditch, Puriton Hill	AR	A
AR035	none	Possible pond or marl pit on top of Puriton Hill; visible on National Grid LiDAR data.	AR	A
AR036	none	Possible pond or marl pit on top of Puriton Hill; visible on National Grid LiDAR data.	AR	A
AR037	PRN10706	Windmill site, Windmill Furlong, Puriton	AR	A
AR038	PRN31661	Blacklands fieldname	AR	A
AR039	PRN10949	Stoning Pound, N of Woolavington	AR	B
AR040	PRN10945	Cropmark of enclosure, Woolavington Level	AR	B
AR041	PRNs 24539-, 12961 & 10979, NMR617600	103 - 119 Roman salt mounds	AR	B
AR042	PRN11171	Extensive field system, S of Mark Causeway, N of the Polden Hills,	AR	B
AR043	PRN11709, NMRs 634664 & 617604	Roman salt mound E of Cornmoor Farm, East Huntspill	AR	B
AR044	PRN29703	Deserted settlement	AR	B
AR046	PRN10502	Cropmark enclosure, Hackness Farm, East Huntspill	AR	B
AR048	PRN28446	Enclosures and circular features, south-west of Hinkley Point	AR	H
AR051	PRN34065	A rubbish pit containing 4th century pottery and imitation Samian was found near the north end of the approach road to Hinkley Point Power Station. The finds were given to Taunton Museum.	AR	Hinkley
AR052	PRN35434	Roman settlement, Hinkley Point	AR	H
AR053	PRN28447	Possible settlement, south-west of Hinkley Point	AR	H
AR054	NMR617567	Salt production and/or pottery kiln sites were found at East Huntspill in the early 19th century.	AR	B
AR056	PRN17985	Sheepwash, Moor Row Farm, East Huntspill	AR	B
AR057	PRN12580	Canal basin, Bason Bridge	AR	B
AR058	PRNs 18352 & 18352	Bason Bridge Station. Site of railway station on the Dorset and Somerset Joint Railway, opened in 1856, closed in 1966 to passengers and in 1972 to all traffic.	AR	B
AR059	PRN18546	Creamery, Bason Bridge	AR	B
AR060	PRN17986	Smithy, Bason Bridge, East Huntspill	AR	B
AR061	PRN11197	Deserted farm site, S of Yard Wall Farm, Mark	AR	B
AR062	PRN10562	Medieval and post medieval finds, Southwick, Mark	AR	B
AR064	PRN11190	Shrunken settlement at Southwick, Mark	AR	B
AR065	PRN15175	Dodwick enclosure, NW of mark	AR	B
AR066	PRN18239	Cropmark enclosures, NW of Mark	AR	B
AR067	PRN11199	Linear earthworks, Prowse Lane, Mark	AR	B
AR068	PRN11200	Deserted farm site, Prowse Lane, East Brent	AR	B
AR069	NMR192215, PRN10564	Shrunken village, Vole; alleged site of a deserted medieval settlement.	AR	B
AR070	PRN18231	Pillrow Farm site, Pill Road, Mark	AR	B
AR071	PRN10490	Settlement site, Pill Road, E Brent	AR	B

ES ID	Other Refs	Name	Asset Type	Section
AR072	PRNs 10992 & 18232	Medieval and post medieval pottery finds, W side of Mark Yeo, East Brent	AR	B
AR073	PRN16175	Alleged burials, Acacia Farm, East Brent	AR	B
AR075	PRN10029	Saxon or Celtic site, Tarnock	AR	B
AR077	NMR617728, PRN12815	Shrunken settlement, Webbington	AR	B
AR078	PRN11497	Enclosure, W of Webbington.	AR	C
AR079	NMR192475	Possible Romano British 'celtic' fields were seen as crop-marks in the Lox Yeo Valley.	AR	C
AR080	PRN21261	Quarry, N of Crook Peak, Compton Bishop	AR	C
AR081	MNS6824	Site of boundary stone at Long Acre	AR	C
AR082	NMR192484 & MNS898	Indistinct crop marks of enclosures and linear features may indicate a prehistoric or Roman settlement site. The aerial photographs of this area were examined as part of the Mendip Hills AONB project of the National Mapping Programme.	AR	C
AR083		Probable Roman road running northeast from Webbington; a continuation of 204, visible on National Grid LiDAR data.	AR	C
AR084		Probable Roman road running northeast from Webbington; a continuation of 204, visible on National Grid LiDAR data.	AR	C
AR085		Ditch or hollow-way west of Max Mills Farm; located on National Grid LiDAR data.	AR	C
AR086	NMR194555 & MNS227	Romano-British and Iron Age pottery scatter	AR	C
AR091		Probable Roman road running northeast from Webbington; a continuation of 204, visible on National Grid LiDAR data.	AR	C
AR092	MNS46148, MNS8814, MNS2723, MNS7003 & MNS7879	Cemetery Field - 162 to 165	AR	C
AR093	NMR1326515	A possible Roman road running from Charterhouse to Uphill.	AR	C
AR094	MNS231	Possible hut circles east of Banwell Wood	AR	C
AR095	MNS6156	Old quarry 200m E of Banwell Camp	AR	C
AR096	MNS5004	Site of medieval mill, Towerhead Brook	AR	C
AR097	MNS7878	Medieval coin scatter, Banwell	AR	C
AR098	MNS1368	Roman pottery from Towerhead House area	AR	C
AR099	NMR194484, MNS230	Site of Elizabethan bishops palace, Towerhead	AR	C
AR100	MNS6799	Site of farmstead, Towerhead	AR	D
AR101		Probable Roman road running northeast from Webbington; a continuation of 204, visible on National Grid LiDAR data.	AR	D
AR102	MNS7449	Site of building 100m NE of Mead Farm	AR	D
AR104	MNS6145	Site of infilled railway borrow pits, Bridge Farm	AR	D
AR106	NMR195170	Medieval pottery, 12th to 13th century in date and building debris found during rhyne clearance in a field called Rockers.	AR	D
AR107	MNS7448	Nye Farm, Nye	AR	D
AR110	MNS1803	Enclosure NNE of Nye Farm	AR	D
AR111	NMR195173	Finds of Romano British pottery indicate a possible occupation site.	AR	D
AR112	MNS4478	Site of WW2 camp, US tanks, etc for D-Day; Congresbury.	AR	D

ES ID	Other Refs	Name	Asset Type	Section
AR114	NMR192715	In a field called 'Little Knights', earthworks resembling moats, and in no way connected with the modern rhyne system, are possibly part of a medieval enclosure	AR	D
AR115	MNS1977	Linear Ditch north of Crookwell Rhyne	AR	D
AR117	MNS6772	Site of old building at Old Bridges	AR	D
AR118	MNS6780	Site of building at Old Bridges	AR	D
AR120	MNS1807	Ditches NE of Heathgate Farm	AR	D
AR122	MNS2259 & MNS5505	Medieval tenement at Pillhay Farm	AR	D
AR126	MNS2291	Site of a house at "Blackwort	AR	D
AR127	MNS2290	Site of Framptons tenement	AR	D
AR128	NMR1540148	Site of gasworks. The two gasometers no longer exist, although the associated buildings remain. on the north-east side is a stone-built building with round openings on the front and rear.	AR	D
AR129	MNS1783 & MNS1486	Enclosure WNW of Horsecastle Farm; respected by ridge and furrow	AR	D
AR130	MNS1486	Undated double rectangular earthwork enclosures	AR	D
AR131	MNS8610	Site of Lampley Bow and gout	AR	D
AR132	MNS3004	Group of 'Lampley' field names, Kingston	AR	D
AR133	MNS2312	House and garden at Lampley Bow	AR	D
AR134	MNS2314 & MNS2317	Site of two houses	AR	D
AR135	MNS8632	Site of smithy, North End	AR	D
AR138	MNS5902	Railway borrow pits N of Lampley Bridge	AR	D
AR139	MNS2303	Old brickyard	AR	D
AR140	MNS2302	Site of brickyard SE of Walnut Tree Farm	AR	D
AR141	MNS2630, MNS297, NMR634069, MNS7882, NMR195033, NMR654742	Romano-British corn drying kiln surviving as a low mound; excavation has recovered pottery of 3rd-4th century date.	AR	D
AR142	MNS717	Site of a windmill Manor Farm	AR	D
AR143	MNS1790	Mound on Kenn Moor	AR	D
AR144	MNS307	Duck decoy pool Kenn Moor	AR	D
AR145	MNS1513	Earthworks	AR	D
AR146	MNS313, NMR195080	Prehistoric Trackway,NW of West End Far	AR	D
AR148	MNS1591	Farmhouse and building (site of)	AR	D
AR149	NMR195079	Duck decoy	AR	D
AR150	NMR195003, MNS305	Three urns of Roman coins, some of Constantine, were dug up at a place called Nailsea-wall which divides Ken-moor and Nailsea-moor. The coins were dispersed. Possibly an early/mid-4th century hoard.	AR	D
AR151	MNS8027	Site of buildings, Nailsea Wall	AR	D
AR153	MNS754	Grace's mine	AR	D
AR154	MNS4511	site WW2 Nissen huts,prob. for SMR 42136 , Nailsea	AR	D
AR155	MNS951	Limekiln South west of Nailsea	AR	D

ES ID	Other Refs	Name	Asset Type	Section
AR156	MNS3061	Post-medieval Luggards Cross Farm, Stone-edge Batch	AR	D
AR157	MNS3396	Old engine house, 6, North Lane	AR	D
AR158	MNS3397	Donkey Pit, North Lane	AR	D
AR159	NMR654759	Kingshill Tannery	AR	D
AR160	MNS5591	Kings Hill Farm, Nailsea	AR	D
AR161	MNS1072 & MNS2509	Engine House	AR	D
AR163	MNS5595	Kings Hill, Nailsea. Core settlements are identifiable on late 18th or early 19th century maps. They may still preserve medieval or even earlier outlines, and building fabric may originate from 17th and 18th centuries.	AR	D
AR166	MNS1826	Mound SE of Tickenham Church	AR	D
AR168		Former field boundaries at Tickenham, depicted on 1888 OS map	AR	D
AR169	MNS2118	Site of rock-cut ditch and leat, Tickenham	AR	D
AR171	MNS5768	Tickenham Court DMV, Tickenham	AR	D
AR172	MNS530 & MN5530	Roman building (possible villa)	AR	D
AR174	MNS1659	Fishpond? N of Court	AR	D
AR175	MNS7340, MNS5766 & MNS1087	Stone-edge Batch DMV, Tickenham	AR	D
AR176	MNS536 & MNS755	Neolithic stone axe	AR	D
AR177	MNS7329	Blacksmiths Workshop	AR	E
AR179	MNS5764	Stone-edge Batch (W), Tickenham	AR	D
AR180	MNS947	Limekiln	AR	E
AR181	NMR195393 & MNS541	Roman pottery north of Luggard's Cross Farm	AR	E
AR182	MNS575	Roman coin hoard near Lime Breach Wood	AR	E
AR185	MNS548	Roman pottery Craigie Knoll	AR	E
AR186	MNS546	Flint tools south of Lime Breach Wood	AR	E
AR187	NMR195422 & MNS952	Old Limekiln south west of Round Wood	AR	E
AR188	MNS950	Old limekiln west of Moggs Wood	AR	E
AR189	MNS5919	Old quarry at Cuckoo Lane, Wraxall	AR	E
AR190	MNS5920	Site of old quarry behind 'Upgang', Cuckoo Lane	AR	E
AR191	MNS1578	Barrow SW of Moat House Farm	AR	E
AR192	MNS577, MNS545, MNS562, SMR568, MNS5236, MNS2504	Roman settlement & Iron Age enclosure north of Upgang: partly excavated EIA circular enclosure within a Roman settlement; recorded as completely destroyed S of the road but just visible as a raised platform NE of the road	AR	E
AR193	MNS5918	Old marlpit at Whitehouse Lane, Wraxall	AR	E
AR194	MNS5819, MNS5820	Whitehouse Lane earthworks, Wraxall	AR	E
AR195	MNS561	Old quarry at Cuckoo Lane, Wraxall.	AR	E
AR197	MNS5817, MNS5237 &	12th to 14th century deserted medieval settlement, Whitehouse Lane; includes suggested remains of a moat.	AR	E

ES ID	Other Refs	Name	Asset Type	Section
	NMR195336	Excavations uncovered a Dark age brooch.		
AR199	NMR195320 & MNS558	(Prob. Md) Farmstead (site of)	AR	E
AR200		Possible pond or marl pit on top of Caswell Hill/Tickenham Ridge	AR	D
AR202	NMR201324	A section of the Clifton Extension Railway, jointly owned by the GWR and MR, opened in 1874. This section was closed in 1965 and the track removed.	AR	G
AR203	MNS1308, NMR195257	A Mesolithic microlith was found in Portbury.	AR	F
AR204	MNS1835	Two Linear Features to the south east of Moor Farm representing potential ditch and trackway.	AR	F
AR205	MNS05027	Portbury Station	AR	F
AR206	MNS1834	Enclosures WSW of Sheepway Gate Farm	AR	F
AR207	MNS40204	Sheepway gate Farm, Sheepway	AR	F
AR208		Abonae Roman settlement, Sea Mills	AR	G
AR209	MNS5836	Sheepway Gate, Portbury	AR	F
AR210	MNS2833	Site of building N of Sheepway Gate Farm	AR	F
AR211	MNS443	Oval soilmark north of Sheepway Gate Farm	AR	F
AR212	NMR195219 & MNS442	A Neolithic stone axe, assigned to petrological Group I, was found in 1932 at a depth of 4 feet in alluvium while clearing a drain at Wharf Lane, Portbury. It is now in Bristol Museum (accession number F.2380).	AR	F
AR216	MNS2829 & MNS5837	Atherton House, Portbury	AR	F
AR217	MNS7742	WW2 garage & inspection pit associated with HAA battery SMR	AR	F
AR219	MNS4559, MNS1483 & MNS4558	Site of WW2 searchlights & LAA at Sheepway HAA site	AR	F
AR221	MNS4559	Site of WW2 searchlights & LAA at Sheepway HAA site	AR	F
AR222	MNS4558	Site of WW2 searchlights & LAA associated with SMR 5245	AR	F
AR223	MNS2902	Back line of sea defence	AR	G
AR224	NMR1071374 & MNS2665	Lower Palaeolithic handaxes found north of Sheepway Village on Terrace 1 Gravel geology.	AR	F
AR225	MNS2901	Sea defence bank opposite Avonmouth	AR	G
AR226	NMR1467691	The remains of a 20th century pier is visible on aerial photographs. The pier is located to the northwest of Avonbank Industrial Estate. The pier is T-shaped parallel to the shore measuring about 18m in length.	AR	G
AR227	NMR1467699	The remains of a 20th century pier is visible on aerial photographs. The pier is located to the southeast of Broad Pill and is situated parallel to the shore measuring about 47m in length.	AR	G
AR228	NMR1467698	The remains of a 20th century pier is visible on aerial photographs. The pier is located to the southeast of Broad Pill and is T-shaped jutting out about 50m into the water. The pier is first recorded on the 2nd edition Ordnance Survey Map 1903	AR	G
AR229	BCC2818M	Shirehampton Farm	AR	G
AR230	BCC2988M	Portview Picture Theatre	AR	G
AR231	BCC2100M	Railway turntable to the south of Green Lane, Avonmouth	AR	G

ES ID	Other Refs	Name	Asset Type	Section
AR232	BCC3174M	Smithy at Clayton Street, Avonmouth	AR	G
AR233	NMR984158	An earthwork was noted on air photos and interpreted as a possible moat of medieval date. The site is now believed to have been built over.	AR	G
AR234	BCC3177M	Public Library, Clayton Street, Avonmouth	AR	G
AR235	BCC2004M	Lighthouse	AR	G
AR236	BCC3183M	Mortuary at Richmond Terrace, Avonmouth	AR	G
AR237	BCC1873M	Old Sea Bank named on Ordnance Survey map of 1830.	AR	G
AR239	BCC1927M	Enclosures and ridge and furrow, approximately 80 metres north of the junction of Fourth Way and Avonmouth Way, Avonmouth.	AR	G
AR240	BCC2037M	Small square enclosure on the north side of the field surrounded by ridge and furrow; north of Willmet Avenue, Avonmouth.	AR	G
AR241	BCC2177M	Barracks Cottages. A group of buildings was depicted at this site in 1830, and was still in existence in 1946. The site had been built over by 1982. Archaeological deposits and structures may well survive at this site.	AR	G
AR242	NMR1467935	A Second World War bombing decoy site at Lawrence Weston. It was built as part of the 'C-series' of civil decoys to deflect enemy bombing from Bristol. This was a 'QF' decoy, which consisted of a series of controlled fires lit during an air raid to repli	AR	G
AR243	BCC3197M	Pond at Ballast Lane, Avonmouth	AR	G
AR244	BCC2044M	Enclosure	AR	G
AR245	BCC2159M	Poplar Farm	AR	G
AR246	BCC2180M & BCC2181M	Moor House	AR	G
AR247	MSG79675	This section of the M4 Motorway was constructed between 1961 and 1966. {1}{2}	AR	I
AR248	BCC 2102M	Deserted farm site, north of Poplar Farm	AR	G
AR249	BCC2095M	Iron Age occupation site, Hallen Marsh	AR	G
AR250	BCC2093M	Unnamed Farm, Hallen Marsh	AR	G
AR251	BCC2092M	Rodbourn Farm	AR	G
AR252	BCC2501M	Elmgrove Farm	AR	G
AR253	BCC2094M	Ring mark	AR	G
AR254	BCC2183M	Site of nineteenth-century buildings, Hallen Marsh	AR	G
AR255	BCC2184M	Site of a house at Hallen Marsh	AR	G
AR256	BCC2259M	House on the southern side of Severn Road	AR	G
AR257	MSG5225	Farmhouse Hallen Marsh Almondsbury	AR	G
AR258	MSG6162	Enclosure Minors Farm Minors Lane Pilning	AR	G
AR259	MSG6950 & MSG12781	Roman Occupation Crooks Marsh Pilning	AR	G
AR260	MSG4896	Roman Settlement Crooks Marsh Pilning	AR	G
AR261	NMR868026	Roman pottery recovered during clayworking at Chittering Trading Estate	AR	G
AR262	BCC2164M	Worthy Farm	AR	G
AR263	MSG3606 & MSG5226	Enclosure Crooks Marsh Farm Pilning	AR	G
AR264	MSG15817	Roman Feature Monks Lane Crooks Marsh Pilning	AR	G

ES ID	Other Refs	Name	Asset Type	Section
AR265	MSGs9179-80, 15817-8, 6927 & 12758, & BCC3002M	Romano-British settlement at Crook's Marsh Farm	AR	G
AR266	MSG2813, MSG2994 & MSG8692	Enclosure (1) Crooks Marsh Pilning	AR	G
AR267	MSG12758	Roman Ditch Crooks Marsh Pilning	AR	G
AR268	MSG15818	Roman Ditch Crooks Marsh Pilning	AR	G
AR269	MSG14322	Enclosure Seabank Pucklechurch Pipeline Almondsbury	AR	G
AR270	MSG9049	Cropmarks Manor Farm Aust	AR	I
AR271	none	Series of linear cropmarks visible on modern aerial photographs: remains of a field system or possibly a settlement	AR	A
AR272	MNS1444	Railway Station	AR	G
AR273		Ashlawn Farm, Rooks Bridge	AR	B
AR274		Ditch-like features form irregular enclosure	AR	B
AR275		Geophysical survey at the southern end of the proposed Mendips Hills undergrounding located a strong linear anomaly that suggests a ditch (perhaps infilled with recent debris) defining a former paddock or enclosure	AR	B
AR276		Geophysical survey located a curving ditch-like anomaly at the south end of the field, which appears to be isolated. It runs from the site of Webbington shrunken settlement (AR77) in the direction of the Lox Yeo River.	AR	B
AR277		Geophysical survey near The Paddock, Webbington (in an area of Roman and late prehistoric potential) located two weak linear anomalies could be recent former boundaries or cultivation effects.	AR	C
AR278		Geophysical survey west of Castle Hill road located a linear anomaly likely to be a ditch, but which may be related to the extant field system.	AR	C
AR279		Geophysical survey near Sandford located a sparse group of possible pit-like anomalies and one circular anomaly that might be of archaeological origin.	AR	
AR280		Geophysical survey at Luggards Cross located a linear anomalies that does not align with the modern landscape.	AR	E
AR281		Geophysical survey located a small number of anomalies suggestive of a ditch or former boundary and isolated pit-like features.	AR	
AR282		Geophysical survey located a small number of anomalies suggestive of pit-like features.	AR	
AR283		Geophysical survey located linear anomalies that may be indicative of cultivation effects, but which do not align with modern boundaries; this may therefore relate to an earlier phase of agriculture such as at nearby HL63.	AR	
AR284		Geophysical survey at the working area of pylon C-LD117 located one semi-circular anomaly of ~25m diameter, and up to three other much less convincing circular anomalies of ~20m diameter.	AR	G
AR285		Geophysical survey along the G Route undergrounding located one curvilinear ditch-like anomaly.	AR	
AR286		Geophysical survey along the G Route undergrounding located one L-shaped ditch-like anomaly.	AR	

ES ID	Other Refs	Name	Asset Type	Section
AR287		Geophysical survey at the working area of pylon C-LD122 located an isolated short ditch-like anomaly. These may be related to the nearby Iron Age settlement (AR249).	AR	
AR288		Two ditches were revealed, corresponding with the location of geophysical anomalies. Both contained pottery of ?late Iron Age/early Roman date	AR	C
AR289	MNS3226, NMR194555, NMR194555, MNS226, MNS227	A number of features were revealed, corresponding with the location of geophysical anomalies. Pottery recovered suggests a recent (?20th century) date for this activity	AR	C
AR290		Three ditches were revealed, corresponding with the location of geophysical anomalies. All contained pottery of Roman date.	AR	C
AR291		Trench 6 was relocated slightly to avoid an overhead electric cable. A shallow ditch was revealed, corresponding with the location of geophysical anomaly. No artefactual material was present.	AR	C
AR292		New AR Site	AR	D
AR293		Two stone-filled land drains recorded corresponding to location of geophysical anomaly - no artefactual material recovered.	AR	
AR297		Probable earthworks of a prehistoric or Roman field system, overlain by an enclosure field system subsequently removed but whose ditches are visible as grassmarks.	AR	
AR298		Sub-rectangular dark grass mark of a possible sunken structure measuring c. 8m NW-SE x 3m. Fairly regular form, but possibly the result of agricultural practice.	AR	
AR299		A spread of possible Roman pottery and tile found in the corner of a field to the south of Puriton, north east of New Ground Covert. Two large lumps of slag were also found (but not kept).	AR	
AR300		Revetting to the Liddy Yeo. A section of at least 30m of rotting wooden stakes in situ on both sides of the Liddy Yeo where it has either been recently cleaned or scoured by flood water.	AR	
AR301		Plaster, Bone and Ceramic Building Material (CBM) in northern field edge adjacent to possible filled pond.	AR	
AR302	PRN44777	Second World War Ground Controlled Intercept (GCI) radar station, RAF Huntspill, SE of Southwick Farm, Mark Moor. This site consisted of a convoy of trucks parked along the road, and it was planned to replace this with Intermediate Mobile (IM) equipment,	AR	
AR501		Settlement	AR	C
AR502		Rhodyate Farm, Banwell	AR	C
AR503		West Brinsea Farm	AR	D
AR504		Brinsea Road Farm, Brinsea	AR	D
AR505		Redhouse Farm, Brinsea	AR	D
AR506		Medieval occupation site Ivy House Farm	AR	D
AR507		Lower Honey Hall, Brinsea	AR	D
AR508		Brinsea	AR	D
AR509		Manor Farm, Brinsea	AR	D
AR510		Kenn (east)	AR	D

ES ID	Other Refs	Name	Asset Type	Section
AR511		National Filling Factory No.23	AR	G
AR512	10997	Medieval and post medieval pottery, Cripps Bridge, East Huntspill	AR	B
AR513	11118	Roman buildings, Blind Pill Rhyne, Rook's Bridge	AR	B
AR514	11191	Earthwork at Southwick Farm, Mark	AR	B
AR515	11198	Linear earthwork, W of King's Way, Mark	AR	B
AR516	11208	Abandoned drove, SE of Lakehouse Farm, East Brent	AR	B
AR517	11211	Earthworks, Prowses Steining, East Brent	AR	B
AR518	11214	Earthworks, N of Rooks Bridge, East Brent	AR	B
AR519	12500	Mound or circular ditch, N of Old Vole Farm, East Brent	AR	B
AR520	14391	Rookbridge, East Brent	AR	B
AR521	15078	Mound (?saltern), Woolavington Level	AR	B
AR522	15478	Roman pottery finds, E of Lakehouse Farm	AR	B
AR523	16981	Enclosure	AR	B
AR524	17979	Sheep Pen, East Brent	AR	B
AR525	18011	Pound, Yardwall Road, Mark	AR	B
AR526	18128	Quarry, Woolavington Road, Puriton	AR	A
AR527	18228	Possible settlement site, Pill Road, East Brent	AR	B
AR528	18229	Possible settlement site, Pill Road, East Brent	AR	B
AR529	18230	Possible settlement site, Pill Road, East Brent	AR	B
AR530	18236	Possible settlement site, N of Pill Road, East Brent	AR	B
AR531	18238	Deserted settlement, W of Plash Farm, Mark	AR	B
AR532	28484	Early bronze age crouched burial, Crandon Bridge, Bawdrip	AR	A
AR533	30221	Roman pottery mounds, Chilton and Shapwick Moor and Huntspill River	AR	A
AR534		Two enclosures south of Rodbourn Gout. Rectilinear enclosure, possibly of Early Medieval date or later, seen as earthworks. Adjacent to Rodbourn Gout.	AR	G
AR535	1078413/ 20317/ 2743M/ 24816/ 1078410	A factory built in 1916 to manufacture explosives. It operated from 1916 to 1919 and was later used for the production of mustard gas. In 1996 it was still operative for chemical manufacture.	AR	G
AR536	1119152	Seabank Power Station	AR	G
AR537	12322/ 1422724	Pillbox, N of cripps Farm, Cripps Bridge	AR	B
AR538	1238734/ 1858M/ 984173/ 10533/ 20134/ 1857M/ 2097M	Enclosure north-west of Rodbourn Gout	AR	G
AR539	1338968/ 2972M/ 20442/ 21073	Late Bronze Age possible saltmaking site at Kites Corner, Avonmouth. In 1998 an archaeological excavation was carried out in advance of development at Cabot Park, Rockingham. The excavation explored Late Bronze Age features identified during an earlier e	AR	G
AR540	1352125	Banwell/Winscombe Boundary	AR	C
AR541	1416206	Remains of two Second World War double air raid shelters for 50 persons at a fuel depot on an industrial estate in Worthy Road.	AR	G

ES ID	Other Refs	Name	Asset Type	Section
AR542	1429776	A Second World War pillbox located near the river and the B3141 at Huntsmill Pumping Station. The pillbox was constructed in 1940-41, built of reinforced concrete and is square on plan.	AR	B
AR543	1462096/ 1441181/ 22182	Extensive modern zinc smelting plant built circa 1927 together with a chemical works. This is the home of the world-renowned Imperial Smelting Process.	AR	G
AR544	1465029	A Second World War barrage balloon site is visible on aerial photographs. The site is located south of Holesmouth, Avonmouth. The site covers an area that measures about 65m by 50m.	AR	G
AR545	1465033/ 1465031	A Second World War barrage balloon site is visible on aerial photographs. The site is located south of Chittingen Industrial estate. The site covers an area that measures about 70m by 70m. The balloon site is defined by three concentric circular areas	AR	G
AR546	1465037	A Second World War barrage balloon site is visible on aerial photographs. The site is located southeast of Chittingen Industrial estate. The site covers an area that measures about 50m by 45m. The balloon site is defined by three concentric circular areas	AR	G
AR547	1465042	A Second World War barrage balloon site is visible on aerial photographs. The site is located east of the junction with Chittingen road and Severn road. The site covers an area that measures about 70m by 70m. The balloon site is defined by three concentric circular areas	AR	G
AR548	1465043	A Second World War barrage balloon site is visible on aerial photographs. The site is located on the corner of Severn road south of the Seabank Power station. The site covers an area that measures about 80m by 60m. The balloon site is defined by three concentric circular areas	AR	G
AR549	1465048	A Second World War factory is visible on aerial photographs. The factory is located on the coast south of Holes Mouth. The factory covers an area that measures 280m in length northeast/southwest and 95m in width northwest/southeast. It is not known whether	AR	G
AR550	1465049	Possible Second World War observation post or pillbox is visible on aerial photographs. The post is located on the coast at Holesmouth. The post is defined by an irregular heptagon concrete structure which faces northwest out across the Severn estuary	AR	G
AR551	1465052	Two Second World War air raid shelters are visible on aerial photographs. The shelters are located at Holesmouth immediately north of the Second World War factory recorded as ST 58 SW. The shelters are aligned in a row and are defined by earth covered	AR	G
AR552	1465074/ 22163	A 20 th Century oil depot is visible on aerial photographs but has since been levelled.	AR	G
AR553	1465117/ MSG13914/ 19978	A possible 20th century groyne is visible as a structure on aerial photographs. The structure is located on Chittingen Warth north of Stuppill Gout and centred at ST 5302 8230.	AR	G
AR554	1467690	The remains of a 20th century pier is visible on aerial photographs. The pier is located to the northwest of Broad Pill and is T-shaped jutting out about 40m into the water. First recorded on the 2nd edition of the Ordnance Survey Map 1903	AR	G

ES ID	Other Refs	Name	Asset Type	Section
AR555	1467697	The remains of a 20th century pier is visible as a structure on aerial photographs. The pier is marked on the 2nd edition Ordnance Survey Map (1903-1904) as a Pier station, and is shown as roofed.	AR	G
AR556	1467875	A Second World War barrage balloon site, visible as a circular structure and associated buildings, was mapped from aerial photographs taken in 1946 and 1947. Located in a field north of Sheepway, centred at ST 4927 7704, the site comprises a circular ba	AR	F
AR557	1469603	A Second World War bombing decoy site at Kenn Moor. It was built in late 1940 as a 'Permanent Starfish' site to deflect enemy bombing from Bristol. The 'Starfish' decoy operated by lighting a series of controlled fires during an air raid to replicate an	AR	D
AR558	1491546/ 22440/ 21420- 22/ 3234-6M/ 1220708/ 22341/ 2158M/ 1371700/ 1441426	Katherine Farm. A complex of farm buildings were recorded on the 1830 OS 1st edition 1:63360 map at this location. They form a group with the farmstead SMR 9011. The two form a group similar to other known medieval farm settlements on the Avon levels.	AR	G
AR559	1493331	A block of medieval and/or post medieval ridge and furrow is visible as an earthwork on aerial photographs. The ridge and furrow is located southwest of Droveway Cottages and covers an area that measures 74m by 41m and orientated NW-SE.	AR	D
AR560	1494069	Six blocks of Medieval or Post Medieval ridge and furrow and four plough headlands are visible as earthworks on aerial photographs	AR	C
AR561	1495450/ MNS1914	Possible medieval occupation site south of West Brinsea Farm	AR	D
AR562	1892M	Avonmouth Dock Junction Signal Box	AR	G
AR563	192215/ 10564	Shrunken village, Vole	AR	B
AR564	192320	IA hoard of bronzes	AR	A
AR565	192351/ 10223	Linear crop marks. Cropmarks, S of Kings Sedgemoor Drain, Bridgwater Without	AR	A
AR566	192425/ MNS111	Enclosure on S bank of Lox Yeo River S of Yarborough	AR	C
AR567	192461/ MNS109	Flint scatter south of Winthill Farm	AR	C
AR568	192482/ MNS1271	Enclosure NW of Barton	AR	C
AR569	192494/ 654723/ MNS95	Court Farm	AR	C
AR570	192563	Roman iron cuirass	AR	B
AR571	192586/ 10479	Lakehouse Farm Roman settlement. East Brent	AR	B
AR572	192587/ 10051	Medieval wharf, N of York Farm, East Brent	AR	B
AR573	194454/ MNS228	Polished stone axe Max Mill Farm	AR	C
AR574	194481/ MNS232	Alleged settlement. Not located	AR	C
AR575	194989	A hoard of 800 antoniniani found in November 1884, at Kingston Seymour, ranging in date from c.253-273 A.D.	AR	D
AR576	195055/	Romano-British pottery and coins east of Mead Cottage	AR	D

ES ID	Other Refs	Name	Asset Type	Section
	MNS295/ 654740			
AR577	195058	Romano-British potsherds found between 1963 and 1965 by members of the North Somerset Archaeol Research Group	AR	D
AR578	195061	Romano-British potsherds found in 1965 during building works	AR	D
AR579	195172/ MNS382	Fishponds north of Lower Court Farm	AR	D
AR580	195206/ MNS444	Lower Palaeolithic flint implements found north-east of Shipway Farm, otherwise known as Sheepway Farm, found in 1931 and probably among the material that was destroyed in World War II. Objects found on terrace 1 Gravel geology.	AR	F
AR581	195266/ MNS966	Sea wall Portbury Wharf	AR	F
AR582	195333	Earthwork (prob. quarry trench)	AR	E
AR583	195349/ MNS534	Bronze age cist burial south of Tickenham Court	AR	D
AR584	195355	A Roman coin hoard, found in 1821, consisted of small copper coins, dated to AD 253-304. Building foundations were uncovered here, a possible villa or temple site.	AR	E
AR585	195387	Flint implements inc. arrowheads	AR	E
AR586	195403	Flint scatter including barbed and tanged arrowhead	AR	F
AR587	195408/ MNS1321	Roman building, (site?) South of Lime Breach Woo	AR	E
AR588	198237	The blade of a Middle Bronze Age bronze rapier was found in 1903 during the excavations of the docks at Avonmouth. It lay in the silt below the bed of the old north channel between Dunball Island and the dock.	AR	G
AR589	198245	Quantity of 3rd/4th century Roman pottery, plus a coffin of Bath stone found in 1948 in the area between Meadow Grove and West Town Lane. The inhumation within the coffin was largely incomplete, and is assumed to have been disturbed at an earlier date.	AR	G
AR590	198680	Possible Romano British settlement consisting of ditches with pottery.	AR	G
AR591	2006M/ 2173	Avonmouth Station	AR	G
AR592	2012M/ 500063	St. Andrew's Road Station	AR	G
AR593	2013M/ 499389	Avonmouth Docks Station	AR	G
AR594	2015M	Avonmouth GWR Station	AR	G
AR595	2039M/ 2314M/ 198322	Avonmouth and Royal Edward Docks	AR	G
AR596	2040M	Rectangular enclosure adjacent to Salt Rhine	AR	G
AR597	2041M	Enclosure in field to the south of Salt Rhine. Abutts onto the rhyne. Showing plough damage to the earthworks	AR	G
AR598	2042M/ 1216527	Enclosure known as Old House Ground	AR	G
AR599	2043M	Enclosure to the east of Smoke Lane (now just north of the railway) 3 sides of a square (small) survive with another possible smaller square enclosure to the west.	AR	G
AR600	2091M/ 2186M	Seawall, south-south-west of Stup Pill	AR	G
AR601	2098M	Circular platform south-west of Seabank Power Station	AR	G

ES ID	Other Refs	Name	Asset Type	Section
AR602	2101M	Site of crashed aircraft, on the north-east side of Mere Bank Rhyne	AR	G
AR603	21332	Three worked chert flakes of Palaeolithic date were recovered in the area of Meadow Grove, Shirehampton. The finds were probably made by George C. Boon (or possibly J. Clevedon Brown) during observation of groundworks	AR	G
AR604	21486/ 1453954/ 9904/ 1070302	A core and another worked flint fragment of Palaeolithic date were recovered from West Town, to the east of Shirehampton. Objects found in Head geology. The date at which the finds were made is unknown. The finds are held by Bristol Museum and Art Galler	AR	G
AR605	2161M	A farm was depicted at this site in 1830 (Ordnance Survey 1st edition 1:63360). It forms a group with SMR 9008 and may well be medieval in origin. The farm survived as late as 1946, but has been largely built over today	AR	G
AR606	2163M	Bank Farm. Lying on the north side of Severn Road, the site of the farm is shown by Taylor's map of the area in 1773 as an open field. Bank Farm had been built in the western part of the field by the time of the 1841 Henbury tithe map	AR	G
AR607	2166M	The 1915 OS plan of this area depicts a building in a narrow enclosure alongside the road. It now lies under an industrial complex. Structures and deposits relating to this building may survive.	AR	G
AR608	2168M	A building (possibly two adjoining dwellings) was depicted at this NGR in 1830 (Ordnance Survey 1:63360) and 1915 (Glos Sheet LXVII.10) Archaeological deposits relating to these buildings almost certainly survive.	AR	G
AR609	2169M	Green Splott Cottages, located at Chittingen Warth. The buildings appear to have been in existence by 1830 and the 1915 Ordnance Survey 1:2500 plan, indicates that there were by that date at least two dwellings	AR	G
AR610	2170M	Greensplot Farm, located on the southern side of Washingpool Lane. The farm was recorded by the 1830 Ordnance Survey plan. It was recorded as Green Splot Farm in 1839.	AR	G
AR611	2171M	West House Farm. The site of the farm (ST 53389 80905) is shown as an enclosure on Taylor's map of 1773 (BRO 29351) and was recorded by the 1822 enclosure map (GRO Q/RI 154), the 1841 Henbury tithe map, as well as the 1881 and 1915 Ordnance Survey maps.	AR	G
AR612	2174/ 2502M	The Ordnance Survey first edition 1:2500 plan 1881 records a farm some 380 metres to the north of Avonmouth Road. The plan names the farm as "T Farm".	AR	G
AR613	2174M	This site was recorded on the 1830 map although not named there. In 1915, a house and series of outbuildings, with a yard, was recorded, which was still there in 1946. The site was waste ground	AR	G
AR614	2175M	Madam Farm. The farm is recorded by the 1772 Southwell estate plan (BRO 26570) where it is named as Watson Farm, but the date of its creation is unknown.	AR	G
AR615	2176M	Kingroad Farm, located to the south-east of Kings Weston Rhine. The farm was in existence at the time of the Henbury tithe survey of 1840. It survived into the early twentieth century but was subsequently demolished and the site redeveloped.	AR	G

ES ID	Other Refs	Name	Asset Type	Section
AR616	2179/ 2499M	The Ordnance Survey first edition 1:2500 plan 1881 records Avonmouth Rifle Range on the saltmarsh above mean high water to the north of Avonmouth.	AR	G
AR617	2179M/ 1106345	This farm was recorded in 1830 (Ordnance Survey 1:63360). At that date, there appear to have been two buildings between Moorhouse Lane and the bend in the track through the farmyard, although they now (1975) seem to be on the other side of the track.	AR	G
AR618	2182/ 2496M	The Ordnance Survey first edition 1:2500 plan 1890 records The Marine Hotel at Avonmouth lying a short distance inland from mean high water on the river Severn.	AR	G
AR619	2185/ 2493M	The Ordnance Survey first edition 1:2500 plan records Chittering Farm on the eastern side of Severn Road. Chittering Stream runs parallel with the road on its east side.	AR	G
AR620	2192M/ 20029/ 1049017/ 20030/ 1121771	Late Bronze Age circular timber structure at Barrow Hill Crescent, Shirehampton	AR	G
AR621	2233M	Possible searchlight battery, adjacent to Rockingham Farm	AR	G
AR622	22545M/ 0900	Port Sanitary Hospital, Avonmouth Docks	AR	G
AR623	2256M	Bridge over Stup Pill rhine at Washingpool Lane	AR	G
AR624	2257M	House and garden at Red Splot Gout	AR	G
AR625	2258M	Cottage and garden at Red Splot Gout	AR	G
AR626	2269	Linear depression at Hallen Marsh	AR	G
AR627	2277M	Sub-rectangular ditched enclosure at Chittering	AR	G
AR628	23733	A rapier-shaped blade of late Middle Bronze age date and other finds including human remains were recovered during the construction of the Royal Edward Docks, Avonmouth between 1902 and 1908.	AR	G
AR629	2407M/ 20472	Gibbet on the north side of the River Avon at Avonmouth	AR	G
AR630	24536/ 20021/ 2172M/ 1106343/ 1493044	Washingpool Farm. A farm was depicted on this site in 1830. The range of buildings was recorded in 1915. archaeological excavation was carried out at the site of Washingpool Farm	AR	G
AR631	2495M/ 20765	The Ordnance Survey first edition 1881 records Kingroad Farm at Avonmouth a short distance inland from the river Severn.	AR	G
AR632	2498M/ 20771	The Ordnance Survey first edition 1:2500 plan 1890 records Avonmouth Farm lying a short distance inland from the north channel around Dunball Island into the river Avon.	AR	G
AR633	2545/ 2503M/ 2172/ 20784	Limekiln at Avonmouth Dock	AR	G
AR634	2762M	Royal Observer Corps post at Avonmouth	AR	G
AR635	3096M	Small magazine south of Washingpool Farm	AR	G
AR636	3097M	Army Ordnance Department (A.O.D.) store north of Washingpool Farm	AR	G
AR637	3102M	Army Ordnance Department (A.O.D.) store north of Greensplot Farm	AR	G
AR638	3103M	Store north of Greensplot Farm	AR	G
AR639	3120M/ 1465099	Chittering Platform	AR	G
AR640	3178M/ 22555	Avonmouth Park, Avonmouth Road, Avonmouth	AR	G
AR641	3179M/ 22557	Bandstand at Avonmouth Park, Avonmouth Road	AR	G

ES ID	Other Refs	Name	Asset Type	Section
AR642	3180M/ 22559	Drinking Fountain at Avonmouth Road, Avonmouth	AR	G
AR643	3231M	Magazine store east of Washingpool Farm	AR	G
AR644	3232M	Magazine store east of Washingpool Farm	AR	G
AR645	3233M	H.M. Henbury	AR	G
AR646	3237M	Neolithic deposit at Smoke Lane	AR	G
AR647	617593	Extensive ridge and furrow was identified during field walking. Also earthworks were noted north of Mark Causeway, medieval or later in date.	AR	B
AR648	617752/ 11212	Earthworks, N of Slade Farm, Badgworth	AR	B
AR649	984073	Evidence of possible village shrinkage in the form of earthworks seen on air photographs. A 1982 map shows a sewage works at this location which has probably destroyed the earthworks.	AR	G
AR650	984076	An enclosure visible as an earthwork was noted on air photos in 1993 and interpreted as a possible moat of medieval date. The monument is now believed to have been destroyed.	AR	G
AR651	MNS1099	Poor house	AR	D
AR652	MNS1100	Pound	AR	D
AR653	MNS1107	Pillow mound	AR	D
AR654	MNS1149	Enclosure	AR	D
AR655	MNS1328	Roman pottery, south of Peatree Cottage	AR	D
AR656	MNS1353	Anti-Aircraft Battery	AR	G
AR657	MNS1376	Rectangular enclosure N of Lox Yeo	AR	C
AR658	MNS1485	Enclosure	AR	D
AR659	MNS1505	Enclosure	AR	D
AR660	MNS1553	Mill(site of),N of Churchill Green	AR	D
AR661	MNS1554	Possible Warren, north of Churchill Green	AR	D
AR662	MNS1555	Possible Shrunken Settlement	AR	D
AR663	MNS1650	Park (possible)	AR	D
AR664	MNS1662/ MNS954	Fishpond South of Naish House	AR	E
AR665	MNS1779	Ridge and Furrow SE of Wemberham Cottage	AR	D
AR666	MNS1780	Enclosure ESE of Kingston Seymour	AR	D
AR667	MNS1784	Planned Landscape remains on Kenn and Clevedon Moors	AR	D
AR668	MNS1804	Mound N of Nye Farm	AR	D
AR669	MNS1827/ MNS5768	Tickenham Court DMV, Tickenham	AR	D
AR670	MNS1841	Circular depression SW side of River Avon	AR	G
AR671	MNS1846	Trackway in Lox Yeo Valley	AR	C
AR672	MNS1900	Medieval Occupation site east of Honey Hall Farm	AR	D
AR673	MNS1902	Hollow-Way south of Ivy House Farm	AR	D
AR674	MNS1903	Possible sawpit West of Brinsea Farm	AR	D
AR675	MNS1905/ MNS1906	Medieval occupation site Brinsea Farm/ Late Saxon Pottery Brinsea Farm	AR	D
AR676	MNS1907	Site of Post Medieval Building west of King Road	AR	D
AR677	MNS1909	Romano British Occupation east of King Road	AR	D
AR678	MNS1910	Neolithic - Bronze Age Flint scatter east of King Road	AR	D

ES ID	Other Refs	Name	Asset Type	Section
AR679	MNS1915	Holloway south of West Brinsea Farm	AR	D
AR680	MNS1917	Site of Post Medieval building Brinsea Lane	AR	D
AR681	MNS1918	Probable Medieval occupation Green Acre	AR	D
AR682	MNS1922	Post Medieval occupation site Roses Orchard	AR	D
AR683	MNS1923	Post Medieval earthworks south of Stock Lane	AR	D
AR684	MNS1968	Deserted occupation site north of the Congresbury Yeo	AR	D
AR685	MNS1982	Enclosure Brandeer Rhyne	AR	D
AR686	MNS2057	Circular mark of infilled pond	AR	C
AR687	MNS2058	Undated enclosure cropmarks, Max Mills	AR	C
AR688	MNS2289	Site of a house	AR	D
AR689	MNS2459	Caswell medieval hamlet	AR	F
AR690	MNS2476	Stone slab SW of Tickenham Court	AR	D
AR691	MNS2672	C11 figural carved stones, Brinsea	AR	D
AR692	MNS2797	Shipbuilding area at Morgans Pill	AR	G
AR693	MNS2827	site of WW1 shipyard & WW2 structures, Portbury	AR	G
AR694	MNS2831	Portishead branch line	AR	G
AR695	MNS284/ 195032/ 654744	Roman pottery south of Lampley Rhyne	AR	D
AR696	MNS2879/ MNS5840	Site of Sheephouse Farm, Easton-in-Gordano	AR	G
AR697	MNS2883	Mine at Chapel Barton	AR	D
AR698	MNS2900	Sea defence bank at Pill	AR	G
AR699	MNS2982	Site of building at Lampley Road bridge	AR	D
AR700	MNS3065	Railway branch to Sandford Quarry	AR	C
AR701	MNS314/ 195064	Romano-British quern west of West End Farm	AR	D
AR702	MNS3361	Coal mine at Nightingale Gardens	AR	D
AR703	MNS3476	Tickenham chapel, Tickenham Hill (former beer house)	AR	E
AR704	MNS3596	Kingshill Pit, Kingshill	AR	D
AR705	MNS3625	'Stone' outside 20, Silver Street	AR	D
AR706	MNS3643	Site of building off Breach Lane	AR	D
AR707	MNS3655	Site of Kingshill Bow bridge, Kingshill	AR	D
AR708	MNS3671	Old quarry at Breach Lane	AR	D
AR709	MNS4425	Possible site of mill, Tickenham Court Farm	AR	D
AR710	MNS4505	site of WW2 fire stn & siren (WW2/cold war)Kings Hill,Nailsea	AR	D
AR711	MNS4534	WW2 RASC "glasshouse",Butchers Arms,Union St,Nailsea	AR	D
AR712	MNS4770	'Huish' field name, Common Lane	AR	D
AR713	MNS4771	'Stanbridge' field names, Yanel Lane	AR	D
AR714	MNS5175	Fishponds in Bullocks Bottom, Wraxall	AR	E
AR715	MNS527	Flint knife near Cadbury Camp	AR	E
AR716	MNS547	Earthwork Mogg's Wood	AR	E
AR717	MNS561	Pre-medieval field system south of Naish House	AR	E
AR718	MNS5890	Boundary stone 220m N of Manor Farm	AR	D
AR719	MNS5900	Boundary stone at Pear Tree Cottage	AR	D

ES ID	Other Refs	Name	Asset Type	Section
AR720	MNS5903	Site of agricultural buildings 580m W of Hope Farm	AR	D
AR721	MNS5935	Mine buildings at Old Lane	AR	E
AR722	MNS6219	Boundary stone 110m E of Moat Cottage	AR	D
AR723	MNS6682/ MNS5342/ MNS4753	Settlement earthworks at Stock Lane & Farmstead	AR	D
AR724	MNS6710	Ruined building off Yanel Lane	AR	D
AR725	MNS6711	Site of railway bridge at Sandford station	AR	C
AR726	MNS6741	Set of 34 dyke reeve stones W of Horsecastle Farm	AR	D
AR727	MNS6748	Set of 21 dyke reeve stones at Wemberham	AR	D
AR728	MNS6759	Boundary stone 170m South east of Pillhay Farm	AR	D
AR729	MNS6770	17 mere stones, Narrow Bridge to Old Bridges	AR	D
AR730	MNS6781	Site of building at Silver Street	AR	D
AR731	MNS6794	Weighing machine at Sandford station	AR	C
AR732	MNS6795	Site of signal box, Sandford station	AR	C
AR733	MNS6806	Site of two buildings at SW corner of Banwell Camp	AR	C
AR734	MNS7048	Boundary stone 325m SW of Charlton Fm	AR	E
AR735	MNS7049	Boundary stone 250m W of Charlton Fm	AR	E
AR736	MNS7122	Railway bridge at Broadleaze Farm, Sandford	AR	C
AR737	MNS7352	'Churchill Wall', Churchill / Winscombe	AR	D
AR738	MNS7450	Site of buldings east of Station Farm	AR	C
AR739	MNS7451	Site of buildings 80m NE of Station Farm	AR	D
AR740	MNS8001	Site of building by road at Pear Tree Cottage	AR	D
AR741	MNS8003	Site of building at Walnut Tree Farm	AR	D
AR742	MNS8007	Site of building at Mead Cottage	AR	D
AR743	MNS8008	Site of building off Duck Lane	AR	D
AR744	MNS8010	Site of building at The Cottage, Duck Lane	AR	D
AR745	MNS8012	Site of building at Avon and Somerset Cottages	AR	D
AR746	MNS8013	Site of building at 'Manesty'	AR	D
AR747	MNS8014	Site of building at 'Stonewalls'	AR	D
AR748	MNS8015	Site of building at 'Moor Gates'	AR	D
AR749	MNS8030	Parallel cropmarks S of Kenn Pier Farm	AR	D
AR750	MNS8403	Site of Wemberham Cottage	AR	D
AR751	MNS8404	Site of ox house, Wemberham Cottage	AR	D
AR752	MNS8611	Railway bridge, North End	AR	D
AR753	MNS8613	Stone bridge at Riverside House	AR	D
AR754	MNS8614	Mawkin's bridge, Kenn Moor	AR	D
AR755	MNS8634	'Millcroft 5 acres' field name, Wemberham	AR	D
AR756	MNS8644	RB pottery from Little River	AR	D
AR757	MNS8817	Bridge over tidal stream, MorganÆs Pill	AR	G
AR758	MNS8818	Bridge over southern end of tidal stream, MorganÆs Pill	AR	G
AR759	MNS8819	Possible ridge and furrow near MorganÆs Pill	AR	G
AR760	MNS8852	Undated earthwork platforms and rubble	AR	D
AR761	MNS934	Banwell deer park east of Banwell Village	AR	C

ES ID	Other Refs	Name	Asset Type	Section
AR762	MNS94	Romano-British pottery finds near	AR	C
AR763	MSG13915/ 19964/ 1465118	A possible 20th century groyne is visible as a structure on aerial photographs. The structure is located on Chittering Warth south of Stuppill Gout. The structure is defined by a row of wooden stakes that extends at a right angle to the shore	AR	G
AR764	MSG3519/ 4896	Roman Settlement Crooks Marsh Pilning	AR	G
AR765	MSG3609/ 5230	Enclosure (1) Hallen Marsh Almondsbury	AR	G
AR766	MSG3840/ 5797	Fishpond Minors Lane Almondsbury	AR	G
AR767	MSG3841/ 5798	Mill Hallen Marsh Minors Lane Hallen Almondsbury	AR	G
AR768	MSG3967/ 6162	Enclosure Minors Farm Minors Lane Pilning	AR	G
AR769	MSG4228/ 6677	Enclosure (3) Hallen Marsh Almondsbury	AR	G
AR770	MSG4855/ 9249	Stowick Farm Severn Road Almondsbury	AR	G
AR771	MSG4856/ 9250/ 2046M/ 634108	Settlement Crooks Marsh Farm Crooks Marsh Pilning	AR	G
AR772	MSG4857/ 9251	Settlement Minors Farm	AR	G
AR773	MSG5316/ 11112	Minors Lane Almondsbury	AR	G
AR774	MSG6947/ 12778	Saxon Manor House Hasborough Severnside	AR	G
AR775	MSG8417/ 14346/ 2182M	Settlement Hallen Farm Almondsbury	AR	G
AR776	MSG8693/ 14323	Roman Field System Seabank Pucklechurch Pipeline Almondsbury	AR	G
AR777	MSG9178/ 15816	Roman Occupation Monks Lane Crooks Marsh Pilning	AR	G
AR778	PRN16544	First edition OS maps show 3 parallel rifle ranges firing northwards to targets on the South slopes of the Polden Hills	AR	A
AR779	NMR192497	A rectilinear enclosure, possible Iron Age or Roman in date is visible as cropmarks on aerial photographs. The site comprises a rectilinear enclosure which is defined by several aligned sections of ditch.	AR	C
AR780	NMR198295	Base of churchyard cross	AR	E
AR781	NMR198312	A Romano-British cemetery with burials aligned east to west was destroyed when a new school was constructed between Portsbury church and the A369 road in 1972. Some of the material is in Bristol City Museum.	AR	E
AR782	NMR1465041	A Second World War barrage balloon site is visible on aerial photographs. The site is located north of Chittering Industrial Estate. The site covers an area that measures about 65m by 60m. The balloon site is defined by three concentric circular areas with regularly spaced concrete blocks to which the barrage balloon was tethered. This is one of eight barrage balloons used during the war to protect factories and military sites situated in and around Avonmouth. The barrage balloon site was no longer visible on aerial photographs taken in 1955.	AR	G

ES ID	Other Refs	Name	Asset Type	Section
AR783	NMR1078472	The First World War National Filling Factory No 23, also known as H.M. Factory Chittening. The factory is located at Chittening and is bounded to the west by the Avonmouth and Pilning Railway (Linear 949), to the south by the Avonmouth Direct Railway (Linear 950) and to the north by Severn Road. During the Great War Nobel's Explosives Company was invited to by the Ministry of Munitions to design and run a factory to produce Mustard Gas, but the site was finally used as a shell filling factory until the end of the First World War. The factory site and buildings were also used during the Second World War, though the function is unknown. Most of the buildings were demolished on aerial photographs taken in 1993 and the site is today covered by Chittening Industrial Estate.	AR	G
AR784	PRN34067	Wick Mill and Mill Steam printed on OS 1962 map. Leat from West Brook at ST21204459 to a head pond now dry and partly demolished. Had overshot wheel. Wheel pit now infilled. Worked one pair of 3.5ft diameter French buhr stones. Spur wheel. The mill is now in poor condition with none of the machinery removed to the museum as was the intention in 1973. All the machinery is wooden geared, unique as far as is known, in Somerset. Details of 1973 survey visit and modern condition.	AR	H
AR785	PRN34089	Earthworks in the field E of the modern nucleus between the farm and the stream. Smaller areas of earthworks also S of Zine farm (ST21954455) and on both sides of the road S of the brook (ST246443) No clear earthworks seen on Aps. Houses and farm buildings are recorded here in 1614. More buildings are shown on OS 6" map.	AR	H
AR786	NMR982318	Shrunken Village	AR	H
BH001	SCC 46-03	Goosegreen Farm	BH	A
BH002	SCC 46-04	Sutton Farm	BH	A
BH003	NMR521162	Mid-17th century house with late 17th century additions and alterations.	BH	A
BH004	NMR1421402, PRN12714	A Second World War pillbox located on the A39 road near the junction with a road from Bridgwater at the point where it crosses the River Cary at Knowle. The pillbox was constructed in 1940-41, built of reinforced concrete and brick, and is square on plan	BH	A
BH005	PRNs 15922 & 15923	Pillbox (N106) site, Crandon Bridge	BH	A
BH006	NMR634655 & PRN32021	Excavations located a medieval settlement within the grounds of Knowle Hall which had been overlain by 19th century landscaping. The features included a hollow way, house platforms and part of a field system. Finds & archive to go to Bridgwater Museum.	BH	A
BH007	NMR544833	A mid-17th century house.	BH	B
BH008	PRN12502	Royal Ordnance Factory, Puriton	BH	B
BH009	NMR521878	Early 18th century house with additions of 1763.	BH	B
BH010	SCC 50-03	Westham	BH	B
BH011		Burham Pier, Burnham on Sea	BH	B
BH012	SCC 50-06	West Stoghton north	BH	B
BH013	SCC 50-08	Stoghton Cross	BH	B
BH014	SCC 15-02	Ashton	BH	B

ES ID	Other Refs	Name	Asset Type	Section
BH015	SCC 07-02	Battleborough west	BH	B
BH016	SCC 15-03	Ashton Mill Farm and Mill	BH	B
BH017	SCC 15-04	Stone Allerton east	BH	B
BH018	PRN17978	Baptist Church, east Brent. ST 3706 5245	BH	B
BH019	NMR521128 & PRN29954	Tarnock Farmhouse: Mid 17th century farmhouse with late 17th century and 19th century additions and alterations.	BH	B
BH020	SCC 31-04	White Gate & Rhynemoor Farms	BH	B
BH021	SCC 44-02	Rowberrow	BH	C
BH022	MNS3417	11, Towerhead, Banwell	BH	D
BH023	MNS5486, MNS6146	Droveway Farm, Sandford	BH	D
BH024	MNS6144	Droveway railway bridge, Sandford	BH	D
BH025	MNS1904	Brinsea Farm north of Honey Hall Lane	BH	D
BH026	NMR513434, MNS5355, MNS1703	A late 16th century or early 17th century house. Settlement?	BH	D
BH027	MNS5157, MNS5521	Horsecastle Farm, Yatton	BH	D
BH028	MNS2315	C19 building	BH	D
BH029	MNS8520	Duck Cottage, Lampley	BH	D
BH030	MNS2318	Blacksmiths Workshop, Building	BH	D
BH031	MNS5577	Nailsea Wall Farm, Nailsea. Core settlements are identifiable on late 18th or early 19th century maps. They may still preserve medieval or even earlier outlines, and building fabric may originate from 17th and 18th centuries.	BH	D
BH032	MNS3638, MNS5589	Coombe Farm, Nailsea	BH	D
BH033	MNS3637, MNS5590	Poplar Farm, Nailsea	BH	D
BH034	MNS3650	The White Lion, Silver Street	BH	D
BH035	MNS2886, MNS5594, MNS2885	Heath Farm, Nailsea	BH	D
BH036	NMR513637	A late 17th or early 18th century stable at Batch Farm.	BH	E
BH037	MNS7334	Stone-edge cottage, Tickenham	BH	E
BH038	MNS5969	Milepost opposite Church lane, Tickenham	BH	E
BH039	MNS5971	Star Inn, Tickenham	BH	E
BH040	MNS5765, MNS7322, NMR513634	A cottage of mid-16th century date.	BH	E
BH041		Signal box beside railway near Portbury Hundred. Located on National Grid LiDAR data	BH	G
BH043	BCC3184M & BCC2497M	Avonmouth Hotel, Portview Road, Avonmouth	BH	G
BH044	BCC3186M	Masonic Hall, Portview Road, Avonmouth	BH	G
BH045		Hangar, Filton Airfield, Bristol	BH	G
BH046	PRN12333 & NMR1428085	Pillbox, NE of Murray Farm, Cripps Bridge	BH	B
BH047	NMR1422723 & PRN12332	Pillbox, NW of Murray Farm, Cripps Bridge	BH	B

ES ID	Other Refs	Name	Asset Type	Section
BH048	PRN12568 & NMR1422722	Pillbox, N of Hackness	BH	B
BH049	MNS5287	Boundary stone 260m NW of Stock Farm	BH	D
BH050	MNS6771	15 mere stones S of Old Bridges	BH	D
BH051	MNS6742	Barn and enclosure 140m SE of Moorland Park	BH	D
BH052	MNS6746	Set of 5 dyke reeve stones SE of Pilhay Farm	BH	D
BH053	MNS6747	Set of 15 dyke reeve stones at Pilhay Farm	BH	D
BH054	MNS8616	Pilhay bridge, Pilhay	BH	D
BH055	MNS2225	Three-way railway bridge, North End	BH	D
BH056	MNS2877	Supposed boundary stone by Watery Lane	BH	D
BH057	MNS7813	Enclosure period bridge at Tickenham Moor	BH	D
BH058	MNS3641	Milton's Farm, Pound Lane	BH	D
BH059	MNS7327	Church Lane bridge, Tickenham	BH	D
BH060	MNS7047	Boundary stone 105m S of Naish Lodge	BH	E
BH061	BCC2191M	No.1 Granary, the earliest of five reinforced concrete granaries in the Royal Edward Dock, was built at the same time as the dock in 1908 and formed part of the first bulk grain handling installation in the port.	BH	G
BH062	SCC 50-09	Keyton Hill/Tumble Weeds	BH	B
BH080	PRN17924	Milestone, Dunwear House, Bridgwater Without	BH	A
BH081		Substantial 19th and 20th century byre. Much overgrown, but internally in very good condition. Located during field reconnaissance survey.	BH	
BH082		Tile roofed stone barn, well maintained and with a part walled yard and stone bridge	BH	
BH083		On what appears to be a sub-circular natural outcrop on the prominent hill top, where the geology is very near the surface (hence the quarry 189 immediately adjacent to the west), is a small section of stone wall exposed by cattle poaching.	BH	
BH084		Stone arched bridge with concrete cap	BH	
BH085		Stone bases, concrete slab bridge.	BH	
BH086		Stone slab footbridge.	BH	
BH087		Ruined building on the north bank of North Drove Rhyne. The foundations of the structure are visible in the side of the rhyne to a considerable depth.	BH	
BH088		Possible WWII structures. Hard standing and evidence of sewer drainage. Hard standing comprises a series of rectangular subdivisions of a concrete bed. Possible barracks?	BH	
BH089		Tumbling and overgrown stone building in the south east corner of the field, access to road over redundant stone bridge.	BH	
BH090		Twin stone structures on field boundary with watering place adjacent to rhyne. The structures appear to be sporadically used as byres or feed sheds and show signs of phasing, with the most recent being patching in brick from perhaps the 1980's.	BH	
BH091		Stone bridge with later concrete cap over the Mark Yeo	BH	
BH092		Stone arched bridge over Meer Wall Rhyne. Later concrete cap	BH	
BH093		Tumbled wood and corrugated iron barn, apparently on stone	BH	

ES ID	Other Refs	Name	Asset Type	Section
		foundation.		
BH094		Stone bridge with rammed stone fill / metalling	BH	
BH095		Wide stone bridge with 3ft parapets leading from the high ground south of the Parish Brook onto the levels	BH	
BH096		Short section of stone wall c. 10m running north from the brook, possible platform to the eastern side of the boundary and stone in the north bank of the brook.	BH	
BH097		Mortared stone bridge bases over the Old Lox Yeo.	BH	
BH098		An extant stone bridge, crossing between the southern two of a square of fields south of Nailsea Wall.	BH	
BH099		A probable platform and stone wall-fragments suggest a structure on the north bank of the Parish Brook (southwest corner of the field), and a wide stone bridge crosses the Parish Brook to a stone-lined trackway.	BH	D
BH201	10053	Tower, Knowle Hill, Bawdrip	BH	A
BH202	17046	Milestone, Bawdrip	BH	A
BH203	17978	Baptist Church, east Brent	BH	B
BH204	17983	Bible Christian Chapel, Chapel Lane, East Huntspill	BH	B
BH205	29853	Ice House	BH	A
BH206	1061159	Cottage adjoining Brown Rock House. It is constructed of mainly coursed rubble and the roof is of double Roman tiles. C17 date.	BH	D
BH207	192214/ 10561	A former agricultural engineering works, the Premises of Day and Wensley, Agricultural Engineers, which opened circa 1850, probably out of use by 1950. Now a garage.	BH	B
BH208	2116M	St. Andrew's Church, located on the eastern side of Richmond Terrace, Avonmouth. The church was built at the end of the nineteenth century to serve the new village at Avonmouth.	BH	G
BH209	2178M	This farm was recorded on the 1830 OS map as Pag Gate Farm (Ordnance Survey 1:63360). It is still extant.	BH	G
BH210	3043M	School, Avonmouth Road, Avonmouth	BH	G
BH211	3094M/ 24821/ 24811/ 1510198/ 1512668	St. Brendan's Roman Catholic Church, St. Andrew's Road, Avonmouth	BH	G
BH212	3175M/ 22549	Congregational Chapel, Napier Road, Avonmouth	BH	G
BH213	3176M/ 22551	Police Station, Avonmouth Road, Avonmouth	BH	G
BH214	3182M/ 22562/ 22568	Wesleyan Methodist Church, Collins Street, Avonmouth	BH	G
BH215	3185M	Miles Arms Hotel, Avonmouth Road, Avonmouth	BH	G
BH216	523478	A farmhouse, possibly with some early 16th century fabric, but considerably modified later, and with 19th century fenestration.	BH	D
BH217	544833	A mid-17th century house.	BH	B
BH218	MNS1401	Tannery	BH	D
BH219	MNS1564	Lock Up	BH	D
BH220	MNS2288	Benilands tenement	BH	D
BH221	MNS2313	Cottages and building	BH	D
BH222	MNS2316	C19 building	BH	D
BH223	MNS2453	Naish House and gardens	BH	E

ES ID	Other Refs	Name	Asset Type	Section
BH224	MNS2880	Rock House (1801), Silver Street	BH	D
BH225	MNS3057	3, North Street	BH	D
BH226	MNS3462	Postmedieval Upper Caswell Farm, Portbury	BH	F
BH227	MNS3628	Former Ebenezer chapel, North Street	BH	D
BH228	MNS3629	Wesleyan New Chapel, Chapel Barton	BH	D
BH229	MNS3634/ MNS5576	West End Farm, West End	BH	D
BH230	MNS4426	Inscribed stone slab, SW Tickenham church	BH	D
BH231	MNS5160	C19 farm building, Congresbury Moor	BH	D
BH232	MNS6148	Station Farm, Station Road	BH	C
BH233	MNS6158	Green Farm, Common Lane	BH	D
BH234	MNS6701	Broadleaze Farm, Sandford Road	BH	C
BH235	MNS6756/ MNS5503	Pool Farm, Hewish	BH	D
BH236	MNS6757/ MNS5504	Heathgate Farm, Hewish	BH	D
BH237	MNS6997	Richard's garage (form Blew Bell), Wrington	BH	D
BH238	MNS7650	Tudor House Centre (form. Bird-in-Hand)	BH	D
BH239	MNS781	Mill, Watermill	BH	C
BH240	MNS7999	The Orchards, Clevedon Road	BH	D
BH241	MNS8000	Woodbine Cottage, Clevedon Road	BH	D
BH242	MNS8002	Barn at Pear Tree Cottage	BH	D
BH243	MNS8006	Cherry Tree Cottage, Kenn Moor	BH	D
BH244	MNS8009	Pear Tree and Merlin Cottage, Duck Lane	BH	D
BH245	MNS8011	Myrtle Cottage, Kenn Stree	BH	D
BH246	MNS8486	Bridge House (and common right), North End	BH	D
BH247	MNS8554	Wemberham House, Wemberham	BH	D
BH248	MNS8595/ MNS5533	Unique Farm, Kenn	BH	D
BH249	MNS8596	Riverside House, Lampley	BH	D
HL001	PRN11842 & NMR867808	The Somerset & Dorset Railway. Dismantled railway. Course of former Somerset and Dorset Joint Railway, the first sections of which were opened in 1854. The earliest section the Glastonbury - Highbridge line, was built by the Somerset Central Railway. In	HL	B
HL002	NMR1359290	The Bristol and Exeter main line was authorised with a branch to Weston in 1838, and the line was completed in 1842. The company was independent, but due to increasing commercial pressure, was forced to sell to the GWR in 1876. Originally a broad gauge I	HL	D
HL003	PRN10607	Petherton medieval park, Huntsworth	HL	A
HL004	PRN26948	Terrace	HL	A
HL005	PRN11831, NMR1166097 & PRN10714	Roman Road from Ilchester to Combwich	HL	A
HL006	SCC 53-01	Westonzoyland	HL	A
HL007	SCC 35-01	Moorlinch	HL	A
HL008	SCC 46-02	Sutton Mallet	HL	A

ES ID	Other Refs	Name	Asset Type	Section
HL009	PRN17114	Bower Park	HL	A
HL010	SCC 18-01	Chedzoy	HL	A
HL011	SCC 46-01	Stawell	HL	A
HL012	PRN24588	Turnpike Road, Nether Stowey to Ashcott	HL	A
HL013	SCC 14-01	Catcott	HL	A
HL014	SCC 04-03	Bawdrip	HL	A
HL015	PRN15242	Garden earthworks, N of Barkers Farm, Bawdrip	HL	A
HL016	NMR1359960 & PRN12439	The Bridgwater branch line was opened in 1890 between Bridgwater and Edington Burle on the Burnham - Glastonbury section of the Dorset and Somerset Junction Railway. Although built for a double track, it only ever operated a single track. A wharf branch	HL	A
HL017	SCC 19-02	Chilton Polden	HL	A
HL018	SCC 19-01	Cossington	HL	A
HL019	PRN24587	Turnpike Road, East Brent to Thurlopton	HL	A
HL020	SCC 54-01	Woolavington	HL	A
HL021	SCC 42-01	Puriton	HL	A
HL022	PRN11179	Floodbanks on Withy Pill and Pyde Rhynes, Woolavington	HL	B
HL023		Wick Park, South of Wick	HL	H
HL024	NMR982303 & PRN34081	Medieval park to the southwest of Wick recorded by Somerset County Council Site and Monument Record.	HL	Hinkley
HL025	SCC 52-03	West Huntspill	HL	B
HL026	PRN11189	Floodbanks at Southwick, Mark	HL	B
HL028	SCC 50-02	Poolbridge	HL	B
HL029	SCC 11-02	Highbridge St John's	HL	B
HL030	SCC 50-05	Blackford	HL	B
HL031	SCC 33-05	Mark west	HL	B
HL032	SCC 33-06	Mark east	HL	B
HL033	PRN15175	Extensive ridge and furrow was identified during field walking. Also earthworks were noted north of Mark Causeway; medieval or later in date.	HL	B
HL034	PRN28600	Pilrow Cut	HL	B
HL035	SCC 15-01	Chapel Allerton	HL	B
HL036	SCC 07-05	Brent Knoll central	HL	B
HL037	SCC 24-05	East Brent	HL	B
HL038	SCC 49-02	Badgworth Court	HL	B
HL039	SCC 03-01	Badgworth	HL	B
HL040	SCC 49-01	Weare	HL	B
HL041	SCC 03-03	Biddisham	HL	B
HL042	SCC 31-03	Lympsham CA south extension	HL	B
HL043	NMR1360142	Dismantled railway. The Cheddar Valley and Yatton railway opened between Yatton on the Bristol and Exeter line, and Cheddar in 1869, and to Wells in 1870. Built as a broad gauge line, it was standardised in 1875. The line was closed to passengers in 1963	HL	C
HL044	SCC 31-02	Lympsham CA north extension	HL	B
HL045	PRN11162	Flood embankment	HL	B

ES ID	Other Refs	Name	Asset Type	Section
HL046	SCC 21-02	Compton Bishop	HL	B
HL047	PRN21204	Ridge and Furrow, N of Webbington.	HL	C
HL048	PRN10465	Roman road, Webbington Farm, Webbington.	HL	C
HL049	SCC 44-01	Shipham	HL	C
HL050	NMR1493328	A block of medieval and / or post medieval ridge and furrow is visible as an earthwork on aerial photographs. The ridge and furrow is located northeast of Banwell Wood and covers an area that measures 215m by 193m and orientated ENE-WSW.	HL	C
HL051	MNS1234	Towerhead House Garden	HL	C
HL052	NMR1493329	A small area of medieval and/or post medieval ridge and furrow is visible as earthworks on aerial photographs. The ridge and furrow is bounded by Towerhead Farm in the east, Westleigh Farm in the north and Mead Lane to the west.	HL	C
HL053	NMR195110	The Wrington Vale Light Railway, opened in 1901 from Congresbury to Blagdon. It was promoted by the local farmers and the Bristol Corporation, who were then constructing the large Yeo Reservoir. The passenger service was withdrawn in 1931 and the line be	HL	D
HL054	MNS1976	Field System south of Carditch Rhyme	HL	D
HL055	MNS7351	The Meer Wall, Congresbury / Puxton	HL	D
HL056	MNS7343	John Rennie's siphon, Gang Wall	HL	D
HL057	MNS8627	Drove Road & field system near New Ear Lane, West Hewish.	HL	D
HL058	MNS8624	Horsecastle Farm Lane	HL	D
HL059	MNS8623	Mead Moor Common Lane	HL	D
HL060	NMR195071	Dismantled railway - Clevedon to Yatton GWR branch line. A Victorian and 20th century railway line, the 3½ miles long branch line ran from the junction at Yatton to Clevedon and was opened on 28th July 1847 by the Bristol and Exeter Railway. In 1876 th	HL	D
HL061	MNS2673	Mill leat, Jacklands to Tickenham Mill.	HL	D
HL062		Ashton Meadows, Cumberland Basin, Bristol	HL	G
HL063	NMR195283 & MNS556	'Celtic' field system west of Prior's Wood. Small 'Celtic' field system with banks and lynchets.	HL	E
HL064	NMR195222	Linear earthwork, originally thought to be part of Wansdyke, more likely to be a causeway or sea wall.	HL	F
HL065	NMR1361435	A Victorian and 20th century railway branch railway line, visible as an extant linear and curvilinear track, was mapped from aerial photographs taken in 1946 and 1947.	HL	G
HL068		Continuation of Mere Bank Scheduled Monument SM260, at least 150m south to the M5; possibly continuing further south.	HL	G
HL069		Blaise Hamlet	HL	
HL070		Probable ridge and furrow adjacent to the M49, identified on National Grid LiDAR data.	HL	G
HL071	NMR1361433	The Avonmouth Direct line via Stoke Giffard was the GWR's main route to Avonmouth. Opened in 1910	HL	G
HL072		Ridge and furrow on Hallen Moor; identified on National Grid LiDAR data.	HL	G
HL073		Ridge and furrow at Hallen Marsh. Two adjoining fields have very well preserved ridge and furrow.	HL	G
HL074		Ridge and furrow on Hallen Moor; identified on National Grid LiDAR data.	HL	G

ES ID	Other Refs	Name	Asset Type	Section
HL075		Ridge and furrow on Hallen Moor; identified on National Grid LiDAR data.	HL	G
HL076		Ridge and furrow on Hallen Moor; identified on National Grid LiDAR data.	HL	G
HL077	NMR1465315	A contiguous area of Medieval and/or Post Medieval ridge and furrow is visible as earthworks and levelled earthworks on aerial photographs.	HL	G
HL078	NMR617596, PRN27011 & PRN29853	Knowle Park	HL	A
HL079	MNS2460	Postmedieval causeway, Tickenham Moor	HL	D
HL080	MNS3223	Earthworks (remains) - part of a drainage system	HL	F
HL081	NMR195229 & MNS965	Earthworks of house and garden, Wharf Lane	HL	F
HL082	PRN11684	Huntspill River, West Huntspill	HL	B
HL400	PRN24589	Turnpike Road, Bridgwater to Langport Bridge	HL	A
HL401	PRN11188	Floodbanks at Moor Row, East Huntspill	HL	B
HL402	PRN26232	Turnpike Road, Highbridge to Wells	HL	B
HL404	PRN12883	Turnpike Road, East Brent to Churchill Rocks, Axbridge, Badgworth, Compton Bishop, East Brent, Shifham, Weare	HL	B
HL405	PRN11182	Floodbanks, NE of Cote, East Huntspill	HL	B
HL406		Structure platform. C. 15m N/S x 10m E/W, ridged edges c. 0.2m in height x 0.6m. An adjacent old field boundary runs to the north and south of the eastern side of the site into the adjacent field to the south.	HL	
HL407		Possible platforms above Hillside Farm. Slight and spread low banks of probable sub-rectangular slightly sunken platform.	HL	
HL408		Spread sub-circular mound on the south facing false crest of the ridge. Possible barrow, c. 12m in diameter.	HL	
HL409		Probable barrow within arable field on the north facing crest of the ridge. Spread by ploughing and somewhat elongated E/W. Perhaps 15m in diameter.	HL	
HL410		Much spread and rather lozenge-shaped, a probable barrow c. 15m in diameter.	HL	
HL411		A broad ridge within these ploughed fields of similar form to the Roman Road near Webbington. Appears c. 50 – 150m to the north of the conjectured line of a Roman Road as shown on the 1st edition O.S.	HL	
HL412		Large platform c. 20m E/W by 10m N/S immediately to the south of Church Lane. Some exposed stone work on the eastern side that may be foundation or floor. Platform sits on a large, probably artificial, terrace.	HL	
HL413		Three substantial stone lined and banded watering places. From the age of the trees in the banded banks, the features would appear to be of the early enclosure period.	HL	
HL414		Three substantial stone lined and banded watering places. From the age of the trees in the banded banks, the features would appear to be of the early enclosure period.	HL	
HL415		Three substantial stone lined and banded watering places. From the age of the trees in the banded banks, the features would appear to be of the early enclosure period.	HL	
HL416		Within a field of furlongs of ridge and furrow, trackways etc, the foundations and platform of a stone building, mounded with rubble internally. Orientated roughly north / south	HL	

ES ID	Other Refs	Name	Asset Type	Section
HL417		Probable Prehistoric field system comprising lynchet banks around a small combe, and the suggestion of elements of an aggregate field system to the north west.	HL	
HL418		Earth and stone mound measuring c. 12m N/S x 3.5m E/W and c. 1.8m in height. Of uncertain function and significance. It may be a soil and stone tip, but if so, it is not recent as the mound has a regular smooth profile and well established grass sward.	HL	
HL419		Raised causeway c. 8m in width and up to 1.7m in height running roughly parallel to the A369. Height diminishing westwards as it runs in the direction of field 435.	HL	
HL420		Probable structure platform in the south east corner of the field. C. 20m N/S x c. 10 E/W and up to 0.4m in height.	HL	
HL421		Probable ridge and furrow near Woolavington. Field reconnaissance survey located earthworks that appear to remain from Medieval agriculture in a block of eight fields north of Woolavington Road.	HL	B
HL422		Possible ridge and furrow earthworks north of Mark. Field reconnaissance survey recorded a group of grassmarks and earthworks that suggest the possible presence of Medieval agriculture, field boundaries and a causeway.	HL	B
HL423		Structure platform on the banks of the Old Lox Yeo at ST38142 55123 (located during field reconnaissance survey).	HL	
HL424		Possible slight ridge and furrow in two fields east of Southwick, located during field reconnaissance survey. Within this area, a circular feature is visible on Google Earth, although this may be an ephemeral result of modern agriculture.	HL	B
HL425		Possible ridge and furrow near Max Mills Farm. Field reconnaissance survey located earthworks that appear to remain from Medieval agriculture in two large fields north of Barton.	HL	C
HL426		Possible ridge and furrow and structural remains near Sandford. Field reconnaissance survey located furlongs of ridge and furrow and headlands in a group of five fields.	HL	D
HL427		Probable north-south oriented ridge and furrow located during field reconnaissance survey in a group of six fields near Sandford.	HL	D
HL428		Probable north-south oriented ridge and furrow located during field reconnaissance survey	HL	D
HL500	867291	Glastonbury Canal	HL	B
HL501	1361431	Avonmouth and Pilning Railway	HL	G
HL502	MNS7344	Hewish New Rhyne, Puxton	HL	D
MH1	NMR1002164	Possible remains of wreck of craft of uncertain date, near Avonmouth, or possibly a natural feature.	MH	G
MH2	NMR1467716	Three 20th century wrecks are visible on aerial photographs taken in 1946. The wrecks are located in Broad Pill adjacent to a pier (ST 57 NW 187).	MH	G
PE001	NMR1342962	The Brue flows into the Parrett estuary at Highbridge and was navigable from medieval times. It remained navigable until the drainage Acts of 1801 and 1802.	PE	B
PE003	PRN29686	Course of River Siger	PE	B
PE004	NMR1342960	The Axe, rising near Wells, reaches the sea near Weston-super-Mare. Navigable from the Middle Ages it remained so until the drainage Acts of 1801 and 1802.	PE	B
PE005	MNS7604	Sinuous palaeochannel at Meer Wall, Congresbury	PE	D

ES ID	Other Refs	Name	Asset Type	Section
PE006		Palaeochannel located on National Grid LiDAR data.	PE	D
PE007		Palaeochannel located on National Grid LiDAR data.	PE	D
PE008	NMR1341605	River Avon Navigation (Avon)	PE	G
PE009	BCC2178	A vertical air photograph taken on 4th December 1946 (CPE-UK-1869 Frame 4029) records a relict drainage feature at Avonmouth Way, Avonmouth. The feature is probably an infilled drainage channel which appears to connect with New Rhine at its northern end.	PE	G
PE010	BCC6368	Peat deposits were identified from Borehole 2110 (1)	PE	G
PE011		Weak irregular linear markings: palaeochannel?	PE	D
PE012		Potential palaeochannel located from LiDAR data	PE	A
PE013		Potential palaeochannel located from LiDAR data	PE	D
PE014		palaeochannel?	PE	D
PE015		Potential palaeochannel located from LiDAR data	PE	D
PE016		Duck Decoy - Pond with net covered channels coming off it	PE	D
PE017		Potential palaeochannel located from LiDAR data	PE	D
PE018		Potential palaeochannel located from LiDAR data	PE	D
PE022		Palaeochannels visible within crop, grass and as soilmarks.	PE	
PE023		Various redundant water channels to the west of the field, to the west of known feature 159.	PE	
PE024		Palaeochannels visible within crop, grass and as soilmarks.	PE	
PE100	1076967	Stup Pill, Avonmouth	PE	G
PE101	1331979/ 21331/ 1355460	a "chert gravel spread" at an elevation of approximately 25 feet [7.6 metres] OD at Markham Close, Shirehampton.	PE	G
PE102	2177	A vertical air photograph taken on 4th December 1946 records a relict drainage feature some 250 metres to the south-west of Kings Weston Lane, Avonmouth.	PE	G
PE103	6370	Peat deposits were recorded in borehole 2109.	PE	G
PE104	6372	Peat deposits were identified in borehole 2114 (1)	PE	G
PE105	MNS1802	Ditch Crossing Sandmead Rhyne	PE	D
PE106	MNS1978	Linear ditch north of Crookwell Rhyne	PE	D