

Appendix B.8: Cumulative Effects Table



Receptor		Effects								
		Operational Phase at Year 1		Operational Phase at Year 15		Operational Phase at Year 1 – Residual Effects		Operational Phase at Year 15 – Residual Effects		
Name	Sensitivity	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Description of Effects
Clwydian Range and Dee Valley National Landscape	Very High	Effects resulting from the Proposed Development Alone:								All 14 Cumulative Schemes are located within the setting of the Clwydian Range and Dee Valley National Landscape, and as such they will all have a direct effect on a very small proportion of its setting. Each of the Cumulative Schemes except for Cumulative Scheme I will have an indirect effect on the National Landscape itself as a result of their intervisibility with this receptor, albeit they will be seen at a very long distance (since the nearest Cumulative Scheme is 3.1km from the National Landscape) and from only a very small proportion of the area of the receptor. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a half-step (e.g., from “Very Small” to “Very Small to Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	
LCA D/LC/6: Vale of Clwyd North	Medium	Effects resulting from the Proposed Development Alone:								Cumulative Schemes A, B, C, D, G, J, K, L and M are located within LCA D/LC/6: Vale of Clwyd North, and as such they will have a direct effect on the very small proportion of this receptor that lies within their boundaries. However, these Cumulative Schemes, as well as Cumulative Schemes E, F, H and N, will also have an indirect effect on the LCA as a result of their intervisibility with this receptor. The ZTV indicates that half of the LCA will have intervisibility with one or more Cumulative Schemes and the Proposed Development. Cumulative Scheme I will have neither a direct nor an indirect effect on the LCA, as it is outside the LCA and has no intervisibility with it. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by one and half steps (e.g., from “Very Small” to “Small to Medium”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Small to Medium	<u>Minor to Moderate Adverse</u>	Small to Medium	<u>Minor to Moderate Adverse</u>	Small to Medium	<u>Minor to Moderate Adverse</u>	Small to Medium	<u>Minor to Moderate Adverse</u>	
The character of the Solar Site	Medium	Effects resulting from the Proposed Development Alone:								None of the Cumulative Schemes are located within the Solar Site, and as such they will not have a direct effect on this receptor. Cumulative Schemes A and C will have an indirect effect on the character of the Solar Site as a result of their intervisibility with this receptor. The ZTV indicates that less than a tenth of the Solar Site will not have intervisibility with at least one of these Cumulative Schemes. The ZTV indicates that Cumulative Schemes J and L will theoretically be visible from within the Solar Site, although the field work suggests that this will not be the case. The ZTV indicates that Cumulative Schemes B, D, E, F, G, H, I, K, M and N will have neither a direct nor an indirect effect on the character of the Solar Site, as they are outside the Solar Site and have no intervisibility with it. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a full step (e.g., from “Medium” to “Large”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Medium	Moderate Adverse	Medium	Minor Adverse	Medium	Moderate Adverse	Medium	Minor Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Large	<u>Major Adverse</u>	Large	<u>Moderate Adverse</u>	Large	<u>Major Adverse</u>	Large	<u>Moderate Adverse</u>	
Geological Landscape AA Bodelwyddan (DNBGHGL016)	High	Effects resulting from the Proposed Development Alone:								Cumulative Schemes A, B, C, D, E, F, G, H, K and N are located within Geological Landscape AA Bodelwyddan, and as such they will have a direct effect on the small proportion of this receptor that lies within their boundaries. However, these Cumulative Schemes, as well as Cumulative Schemes J, L and M, will also have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that less than a tenth of the AA will not have intervisibility with at least one of these Cumulative Schemes or the Proposed Development. Cumulative Scheme I will have neither a direct nor an indirect effect on the AA, as it is outside the AA and has no intervisibility with it. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by one and half steps (e.g., from “Small” to “Medium to Large”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Small	Minor Adverse	Small	Negligible Adverse	Small	Minor Adverse	Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Medium to Large	<u>Moderate to Major Adverse</u>	Medium to Large	<u>Minor to Moderate Adverse</u>	Medium to Large	<u>Moderate to Major Adverse</u>	Medium to Large	<u>Minor to Moderate Adverse</u>	
Geological Landscape AA Cefn Meiriadog (DNBGHGL031)	High	Effects resulting from the Proposed Development Alone:								Cumulative Scheme A is located within Geological Landscape AA Cefn Meiriadog, and as such it will have a direct effect on the very small proportion of this receptor that lies within its boundary. However, this Cumulative Scheme, as well as each of the other Cumulative Schemes except for Cumulative Scheme I, will also have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that over two thirds of the AA will have intervisibility with one or more Cumulative Schemes and the Proposed Development. Cumulative Scheme I will have neither a direct nor an indirect effect on the AA, as it is outside the AA and has no intervisibility with it. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a full step (e.g., from “Small” to “Medium”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Small	Moderate Adverse	Small	Minor Adverse	Small	Moderate Adverse	Small	Minor Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Medium	<u>Major Adverse</u>	Medium	<u>Moderate Adverse</u>	Medium	<u>Major Adverse</u>	Medium	<u>Moderate Adverse</u>	
Geological Landscape AA Tytywyrch (DNBGHGL015)		Scoped out of cumulative assessment								Scoped out as no effect resulting from the Proposed Development alone, and as such, no cumulative effects resulting from the Proposed Development in combination with any Cumulative Scheme can occur.



Receptor		Effects								
		Operational Phase at Year 1		Operational Phase at Year 15		Operational Phase at Year 1 – Residual Effects		Operational Phase at Year 15 – Residual Effects		
Name	Sensitivity	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Description of Effects
Geological Landscape AA The Roe (DNBGHGL017)		Scoped out of cumulative assessment								Scoped out as no effect resulting from the Proposed Development alone, and as such, no cumulative effects resulting from the Proposed Development in combination with any Cumulative Scheme can occur.
Geological Landscape AA Elwy Gorge (DNBGHGL032)		Scoped out of cumulative assessment								Scoped out as no effect resulting from the Proposed Development alone, and as such, no cumulative effects resulting from the Proposed Development in combination with any Cumulative Scheme can occur.
Geological Landscape AA Henllan (DNBGHGL035)		Scoped out of cumulative assessment								Scoped out as no effect resulting from the Proposed Development alone, and as such, no cumulative effects resulting from the Proposed Development in combination with any Cumulative Scheme can occur.
Geological Landscape AA Waen Gloeugoed (DNBGHGL019)	High	Effects resulting from the Proposed Development Alone:								None of the Cumulative Schemes are located within Geological Landscape AA Waen Gloeugoed, and as such they will not have a direct effect on this receptor. Cumulative Schemes A, B, C, D, E, F, G, H, K and N will have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that Cumulative Schemes J and L may have a very small level of intervisibility with the AA, but that overall, over half of the AA will have intervisibility with one or more Cumulative Schemes and the Proposed Development. Cumulative Schemes I and M will have neither a direct nor an indirect effect on the AA, as they are outside the AA and have no intervisibility with it.
		Very Small	Minor Adverse	Very Small	Negligible Adverse	Very Small	Minor Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a full step (e.g., from “Very Small” to “Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Small	<u>Moderate Adverse</u>	Small	<u>Minor Adverse</u>	Small	<u>Moderate Adverse</u>	Small	<u>Minor Adverse</u>	
Landscape Habitats AA Cefn Improved Grassland (DNBGHLH023)	Medium	Effects resulting from the Proposed Development Alone:								Cumulative Schemes A, C and D are located within Landscape Habitats AA Cefn Improved Grassland, and as such they will have a direct effect on the small proportion of this receptor that lies within their boundaries. However, these Cumulative Schemes, as well as Cumulative Schemes B, E, F, G, H, J, K, L and M, will also have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that only a tenth of the AA will not have intervisibility with at least one Cumulative Scheme or the Proposed Development. Cumulative Schemes I and N will have neither a direct nor an indirect effect on the AA, as they are outside the AA and have no intervisibility with it.
		Small	Minor Adverse	Small	Minor Beneficial	Small	Minor Adverse	Small	Minor Beneficial	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by one and a half steps (e.g., from “Small” to “Medium to Large”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Medium to Large	<u>Moderate to Major Adverse</u>	Medium to Large	<u>No Effect to Negligible Beneficial</u>	Medium to Large	<u>Moderate to Major Adverse</u>	Medium to Large	<u>No Effect to Negligible Beneficial</u>	
Landscape Habitats AA Bodelwyddan Lowland Parkland (DNBGHLH021)		Scoped out of cumulative assessment								Scoped out as no effect resulting from the Proposed Development alone, and as such, no cumulative effects resulting from the Proposed Development in combination with any Cumulative Scheme can occur.
Landscape Habitats AA Vale of Clwyd North Improved Grassland (DNBGHLH017)		Scoped out of cumulative assessment								Scoped out as no effect resulting from the Proposed Development alone, and as such, no cumulative effects resulting from the Proposed Development in combination with any Cumulative Scheme can occur.
Cultural Landscape Services AA Cefn Estate (DNBGHCLS030)	Medium	Effects resulting from the Proposed Development Alone:								Cumulative Schemes A, C and D are located within Cultural Landscape Services AA Cefn Estate, and as such they will have a direct effect on the small proportion of this receptor that lies within their boundaries. However, these Cumulative Schemes, as well as Cumulative Schemes B, F, G, H, J, K, L and M, will also have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that Cumulative Scheme E may have a very small level of intervisibility with the AA, but that overall only a tenth of the AA will not have intervisibility with at least one Cumulative Scheme or the Proposed Development. Cumulative Schemes I and N will have neither a direct nor an indirect effect on the AA, as it is outside the AA and has no intervisibility with it.
		Small	Minor Adverse	Small	Negligible Adverse	Small	Minor Adverse	Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by one and a half steps (e.g., from “Small” to “Medium to Large”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Medium to Large	<u>Moderate to Major Adverse</u>	Medium to Large	<u>Minor to Moderate Adverse</u>	Medium to Large	<u>Moderate to Major</u>	Medium to Large	<u>Minor to Moderate</u>	



Receptor		Effects								
		Operational Phase at Year 1		Operational Phase at Year 15		Operational Phase at Year 1 – Residual Effects		Operational Phase at Year 15 – Residual Effects		
Name	Sensitivity	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Description of Effects
Cultural Landscape Services AA Limestone Valley-Cefn (DNBGHCLS035)	Medium	Effects resulting from the Proposed Development Alone:								None of the Cumulative Schemes are located within Cultural Landscape Services AA Limestone Valley-Cefn, and as such they will not have a direct effect on this receptor. Each of the Cumulative Schemes except for Cumulative Scheme I will have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that a quarter of the AA will have intervisibility with one or more Cumulative Schemes and the Proposed Development. Cumulative Scheme I will have neither a direct nor an indirect effect on the AA, as it is outside the AA and has no intervisibility with it.
		Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a half-step (e.g., from “Very Small” to “Very Small to Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	
Cultural Landscape Services AA Wooded Parkland and Parkland Remnants (DNBGHCLS033)	Medium	Effects resulting from the Proposed Development Alone:								None of the Cumulative Schemes are located within Cultural Landscape Services AA Wooded Parkland and Parkland Remnants, and as such they will not have a direct effect on this receptor. Cumulative Schemes A, B, C, D, F, G, H, J, K, L and M will have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that Cumulative Schemes E and N may have a very small level of intervisibility with the AA, but that overall, half of the AA will have intervisibility with one or more Cumulative Schemes and the Proposed Development. Cumulative Scheme I will have neither a direct nor an indirect effect on the AA, as it is outside the AA and has no intervisibility with it.
		Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a full step (e.g., from “Very Small” to “Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Small	<u>Minor Adverse</u>	Small	<u>Minor Adverse</u>	Small	<u>Minor Adverse</u>	Small	<u>Minor Adverse</u>	
Cultural Landscape Services AA Limestone Plateau-Denbigh/Henllan (DNBGHCLS037)	Medium	Effects resulting from the Proposed Development Alone:								None of the Cumulative Schemes are located within Cultural Landscape Services AA Limestone Plateau-Denbigh/Henllan, and as such they will not have a direct effect on this receptor. Cumulative Schemes B, C, D, F, G, H, I, J and L will have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that Cumulative Scheme M may have a very small level of intervisibility with the AA, but that overall, only a tenth of the AA will have intervisibility with one or more Cumulative Schemes and the Proposed Development. Cumulative Schemes A, E, K and N will have neither a direct nor an indirect effect on the AA, as they are outside the AA and have no intervisibility with it.
		Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a half-step (e.g., from “Very Small” to “Very Small to Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	
Cultural Landscape Services AA Vale of Clwyd-North of Denbigh (DNBGHCLS029)	Medium	Effects resulting from the Proposed Development Alone:								Cumulative Schemes J and L are located within Cultural Landscape Services AA Vale of Clwyd-North of Denbigh, and as such they will have a direct effect on the very small proportion of this receptor that lies within their boundaries. However, these Cumulative Schemes, as well as Cumulative Schemes A, B, C, D, E, F, G, H and N, will also have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that Cumulative Schemes K and M may have a very small level of intervisibility with the AA, but that overall, only a tenth of the AA will have intervisibility with one or more Cumulative Schemes and the Proposed Development. Cumulative Scheme I will have neither a direct nor an indirect effect on the AA, as it is outside the AA and has no intervisibility with it.
		Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a half-step (e.g., from “Very Small” to “Very Small to Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	
Cultural Landscape Services AA Vale Wooded Estate-South of Dyserth (DNBGHCLS017)	Medium	Effects resulting from the Proposed Development Alone:								None of the Cumulative Schemes are located within Cultural Landscape Services AA Vale Wooded Estate-South of Dyserth, and as such they will not have a direct effect on this receptor. Cumulative Schemes A, B, C, D, E, F, G, H, K and N will have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that Cumulative Schemes J and L may have a very small level of intervisibility with the AA, but that overall, only a tenth of the AA will not have intervisibility at least one Cumulative Scheme or the Proposed Development. Cumulative Schemes I and M will have neither a direct nor an indirect effect on the AA, as they are outside the AA and have no intervisibility with it.
		Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a full step (e.g., from “Very Small” to “Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Small	<u>Minor Adverse</u>	Small	<u>Minor Adverse</u>	Small	<u>Minor Adverse</u>	Small	<u>Minor Adverse</u>	



Receptor		Effects								
		Operational Phase at Year 1		Operational Phase at Year 15		Operational Phase at Year 1 – Residual Effects		Operational Phase at Year 15 – Residual Effects		
Name	Sensitivity	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Description of Effects
Historic Landscape AA Pentre-mawr (DNBGHHL041)	Medium	Effects resulting from the Proposed Development Alone:								Cumulative Schemes A, C, D, G, J, K and L are located within Historic Landscape AA Pentre-mawr, and as such they will have a direct effect on the very small proportion of this receptor that lies within their boundaries. However, these Cumulative Schemes, as well as Cumulative Schemes B, E, F, H, M and N, will also have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that two thirds of the AA will have intervisibility with one or more Cumulative Schemes and the Proposed Development. Cumulative Scheme I will have neither a direct nor an indirect effect on the AA, as it is outside the AA and has no intervisibility with it. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by one and a half steps (e.g., from “Small” to “Medium to Large”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Small	Minor Adverse	Small	Negligible Adverse	Small	Minor Adverse	Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Medium to Large	<u>Moderate to Major</u>	Medium to Large	<u>Minor to Moderate</u>	Medium to Large	<u>Moderate to Major</u>	Medium to Large	<u>Minor to Moderate</u>	
Historic Landscape AA Bont-newydd (DNBGHHL021)	High	Effects resulting from the Proposed Development Alone:								None of the Cumulative Schemes are located within Historic Landscape AA Bont-newydd, and as such they will not have a direct effect on this receptor. Each of the Cumulative Schemes except for Cumulative Schemes I and N will have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that half of the AA will have intervisibility with one or more Cumulative Schemes and the Proposed Development. Cumulative Schemes I and N will have neither a direct nor an indirect effect on the AA, as they are outside the AA and have no intervisibility with it. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a full step (e.g., from “Small” to “Medium”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Small	Moderate Adverse	Small	Minor Adverse	Small	Moderate Adverse	Small	Minor Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Medium	<u>Major Adverse</u>	Medium	<u>Moderate Adverse</u>	Medium	<u>Major Adverse</u>	Medium	<u>Moderate Adverse</u>	
Historic Landscape AA Plas Heaton (DNBGHHL039)	Medium	Effects resulting from the Proposed Development Alone:								None of the Cumulative Schemes are located within Historic Landscape AA Plas Heaton, and as such they will not have a direct effect on this receptor. Each of the Cumulative Schemes except for Cumulative Schemes A, E, K, M and N will have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that a quarter of the AA will have intervisibility with one or more Cumulative Schemes and the Proposed Development. Cumulative Scheme A, E, K, M and N will have neither a direct nor an indirect effect on the AA, as they are outside the AA and have no intervisibility with it. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a half-step (e.g., from “Very Small” to “Very Small to Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	
Historic Landscape AA Brynbella (DNBGHHL026)	Medium	Effects resulting from the Proposed Development Alone:								None of the Cumulative Schemes are located within Historic Landscape AA Brynbella, and as such they will not have a direct effect on this receptor. Cumulative Schemes B, C, D and H will have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that Cumulative Schemes E, K, L and N may have a very small level of intervisibility with the AA, but that overall, half of the AA will have intervisibility with one or more Cumulative Schemes and the Proposed Development. Cumulative Schemes A, F, G, I, J and M will have neither a direct nor an indirect effect on the AA, as they are outside the AA and have no intervisibility with it. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a half-step (e.g., from “Very Small” to “Very Small to Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	
Historic Landscape AA Bodelwyddan Park (DNBGHHL005)	Medium	Effects resulting from the Proposed Development Alone:								Cumulative Scheme B is located within Historic Landscape AA Bodelwyddan Park, and as such it will have a direct effect on the very small proportion of this receptor that lies within its boundary. However, this Cumulative Scheme, as well as Cumulative Schemes A, C, D, F, G, H, J, K, L and M, will also have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that Cumulative Scheme E may have a very small level of intervisibility with the AA, but that overall, only a tenth of the AA will not have intervisibility with at least one Cumulative Scheme or the Proposed Development. Cumulative Schemes I and N will have neither a direct nor an indirect effect on the AA, as they are outside the AA and have no intervisibility with it. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a full step (e.g., from “Very Small” to “Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Small	<u>Minor Adverse</u>	Small	<u>Minor Adverse</u>	Small	<u>Minor Adverse</u>	Small	<u>Minor Adverse</u>	



Receptor		Effects								
		Operational Phase at Year 1		Operational Phase at Year 15		Operational Phase at Year 1 – Residual Effects		Operational Phase at Year 15 – Residual Effects		
Name	Sensitivity	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Description of Effects
Visual and Sensory AA Cefn Estate (DNBGHVS033)	Medium	Effects resulting from the Proposed Development Alone:								Cumulative Schemes A, C and D are located within Visual and Sensory AA Cefn Estate, and as such they will have a direct effect on the small proportion of this receptor that lies within their boundaries. However, these Cumulative Schemes, as well as Cumulative Schemes B, F, G, H, J, K, L and M, will also have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that Cumulative Scheme E may have a very small level of intervisibility with the AA, but that overall, less than a tenth of the AA will not have intervisibility at least one Cumulative Scheme or the Proposed Development. Cumulative Schemes I and N will have neither a direct nor an indirect effect on the AA, as they are outside the AA and have no intervisibility with it. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by one and a half steps (e.g., from “Small” to “Medium to Large”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Small	Minor Adverse	Small	Negligible Adverse	Small	Minor Adverse	Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Medium to Large	<u>Moderate to Major Adverse</u>	Medium to Large	<u>Minor to Moderate Adverse</u>	Medium to Large	<u>Moderate to Major Adverse</u>	Medium to Large	<u>Minor to Moderate Adverse</u>	
Visual and Sensory AA Vale of Clwyd-North of Denbigh (DNBGHVS031)	High	Effects resulting from the Proposed Development Alone:								Cumulative Schemes J and L are located within Visual and Sensory AA Vale of Clwyd-North of Denbigh, and as such they will have a direct effect on the very small proportion of this receptor that lies within their boundaries. However, these Cumulative Schemes, as well as Cumulative Schemes A, B, C, D, E, F, G, H and N, will also have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that Cumulative Schemes K and M may have a very small level of intervisibility with the AA, but that overall, only a fifth of the AA will have intervisibility with one or more Cumulative Schemes and the Proposed Development. Cumulative Scheme I will have neither a direct nor an indirect effect on the AA, as it is outside the AA and has no intervisibility with it. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a half-step (e.g., from “Very Small” to “Very Small to Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Very Small	Minor Adverse	Very Small	Negligible Adverse	Very Small	Minor Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Very Small to Small	<u>Minor to Moderate Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>Minor to Moderate Adverse</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	
Visual and Sensory AA Vale Wooded Estate-South of Dyserth (DNBGHVS016)	High	Effects resulting from the Proposed Development Alone:								None of the Cumulative Schemes are located within Visual and Sensory AA Vale Wooded Estate-South of Dyserth, and as such they will not have a direct effect on this receptor. Cumulative Schemes A, B, C, D, E, F, G, H, K and N will have an indirect effect on the AA as a result of their intervisibility with this receptor. The ZTV indicates that Cumulative Schemes J, L and M may have a very small level of intervisibility with the AA, but that overall, four fifths of the AA will have intervisibility with one or more Cumulative Schemes and the Proposed Development. Cumulative Scheme I will have neither a direct nor an indirect effect on the AA, as it is outside the AA and has no intervisibility with it. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a full step (e.g., from “Very Small” to “Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Very Small	Minor Adverse	Very Small	Negligible Adverse	Very Small	Minor Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Small	<u>Moderate Adverse</u>	Small	<u>Minor Adverse</u>	Small	<u>Moderate Adverse</u>	Small	<u>Minor Adverse</u>	
Open fields		Scoped out of cumulative assessment								These physical features present within the Site will not be affected by the Cumulative Schemes, and as such, no cumulative effects resulting from the Proposed Development in combination with any Cumulative Scheme can occur.
Native hedgerow		Scoped out of cumulative assessment								
Canopy trees		Scoped out of cumulative assessment								
Waterbodies		Scoped out of cumulative assessment								
Users of the bridleway PRoW 208/3 (Site Context Photograph 6)		Scoped out of cumulative assessment								Scoped out as no effect resulting from the Proposed Development alone, and as such, no cumulative effects resulting from the Proposed Development in combination with any Cumulative Scheme can occur.



Receptor		Effects								
		Operational Phase at Year 1		Operational Phase at Year 15		Operational Phase at Year 1 – Residual Effects		Operational Phase at Year 15 – Residual Effects		
Name	Sensitivity	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Description of Effects
Residents at Coed yr Esgob (Site Context Photograph 6)	Medium	Effects resulting from the Proposed Development Alone:								The ZTV indicates that the Proposed Development and Cumulative Schemes B, G, H and K may be concurrently visible to a very limited extent in views experienced by residents at Coed yr Esgob. Cumulative Schemes A, C, D, E, F, I, J, L, M and N will not be visible in views experienced by these receptors. There is no potential for residents to experience sequential cumulative effects as views are fixed. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a half-step (e.g., from “Very Small” to “Very Small to Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Small	Minor Adverse	Small	Negligible Adverse	Small	Minor Adverse	Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Small to Medium	<u>Minor to Moderate Adverse</u>	Small to Medium	<u>Negligible to Minor Adverse</u>	Small to Medium	<u>Minor to Moderate Adverse</u>	Small to Medium	<u>Negligible to Minor Adverse</u>	
Users of the north/south lane that runs between the parcels (Site Context Photographs 1 to 4)	Very High	Effects resulting from the Proposed Development Alone:								The ZTV indicates that the Proposed Development and Cumulative Scheme C, and to a lesser extent Cumulative Schemes A and L, may be concurrently visible in views experienced by users of the north/south lane that runs between the parcels, from a small proportion of the route. Sequential views will also be available to these receptors as they move along the route. Both concurrent and sequential views of the Proposed Development and Cumulative Scheme J may be available to these receptors to a very limited extent. Views of at least one Cumulative Scheme or the Proposed Development will be available from nine tenths of the route. Cumulative Schemes B, D, E, F, G, H, I, K, M and N will not be visible in views experienced by these receptors. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a full step (e.g., from “Small” to “Medium”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Small	Moderate Adverse	Small	Minor Adverse	Small	Moderate Adverse	Small	Minor Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Medium	<u>Major Adverse</u>	Medium	<u>Moderate Adverse</u>	Medium	<u>Major Adverse</u>	Medium	<u>Moderate Adverse</u>	
Residents at Tyn y Fford Fawr, Squirrels Lodge, Tyn y Ffordd Bach, Tyn y Fford Newydd and Rhos Aber (Near Site Context Photographs 1 to 4)	Medium	Effects resulting from the Proposed Development Alone:								The ZTV indicates that the Proposed Development and Cumulative Scheme C may be concurrently visible to a moderate extent in views experienced by residents at Tyn y Fford Fawr, Squirrels Lodge, Tyn y Ffordd Bach, Tyn y Fford Newydd and Rhos Aber. The Proposed Development and Cumulative Scheme A may be concurrently visible to a very limited extent to residents of Squirrels Lodge. Cumulative Schemes B, D, E, F, G, H, I, J, K, L, M and N will not be visible in views experienced by these receptors. There is no potential for residents to experience sequential cumulative effects as views are fixed. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a half-step (e.g., from “Small” to “Small to Medium”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Small	Minor Adverse	Small	Negligible Adverse	Small	Minor Adverse	Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Small to Medium	<u>Minor to Moderate Adverse</u>	Small to Medium	<u>Negligible to Minor Adverse</u>	Small to Medium	<u>Minor to Moderate Adverse</u>	Small to Medium	<u>Negligible to Minor Adverse</u>	
Users of the east/west lane that runs to the south of the eastern parcel (Site Context Photograph 11)	Low	Effects resulting from the Proposed Development Alone:								The ZTV indicates that the Proposed Development and Cumulative Schemes C and L may be concurrently visible in views experienced by users of the east/west lane that runs to the south of the eastern parcel, from a moderate proportion of the route. Sequential views will also be available to these receptors as they move along the route. Both concurrent and sequential views of the Proposed Development and Cumulative Schemes B, H and J may be available to these receptors to a very limited extent. Views of at least one Cumulative Scheme or the Proposed Development will be available from four fifths of the route. Cumulative Schemes A, D, E, F, G, I, K, M and N will not be visible in views experienced by these receptors. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a half-step (e.g., from “Very Small” to “Very Small to Small”) at Year 1, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone. As the Proposed Development alone results in No Effect at Year 15, no cumulative effects will result from the Proposed Development in combination with any Cumulative Scheme.
		Very Small	Negligible Adverse	Very Small	No Effect	Very Small	Negligible Adverse	Very Small	No Effect	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>No Effect</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>No Effect</u>	
Residents at Greystones, The Paddock, Glascoed Fawr, Glascoed Fawr Cottage and Wigfair Home Farm (Near Site Context Photograph 11)	Medium	Effects resulting from the Proposed Development Alone:								The ZTV indicates that the Proposed Development and Cumulative Schemes C and L may be concurrently visible to a moderate extent in views experienced by residents at Wigfair Home Farm, and to a very limited extent to residents at Greystones, The Paddock, Glascoed Fawr and Glascoed Fawr Cottage. The Proposed Development and Cumulative Scheme J may be concurrently visible to a very limited extent to residents of Wigfair Home Farm. Cumulative Schemes A, B, D, E, F, G, H, I, K, M and N will not be visible in views experienced by these receptors. There is no potential for residents to experience sequential cumulative effects as views are fixed. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a half-step (e.g., from “Very Small” to “Very Small to Small”) at Year 1, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone. As the Proposed Development alone results in No Effect at Year 15, no cumulative effects will result from the Proposed Development in combination with any Cumulative Scheme.
		Very Small	Negligible Adverse	Very Small	No Effect	Very Small	Negligible Adverse	Very Small	No Effect	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>No Effect</u>	Very Small to Small	<u>Negligible to Minor Adverse</u>	Very Small to Small	<u>No Effect</u>	



Receptor		Effects								
		Operational Phase at Year 1		Operational Phase at Year 15		Operational Phase at Year 1 – Residual Effects		Operational Phase at Year 15 – Residual Effects		
Name	Sensitivity	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Description of Effects
Users of Wigfair Hall (Near Site Context Photograph 11)	High	Effects resulting from the Proposed Development Alone:								The ZTV indicates that the Proposed Development and Cumulative Schemes C and L may be concurrently visible to a moderate extent in views experienced by users of Wigfair Hall. The Proposed Development and Cumulative Scheme J may be concurrently visible to a very limited extent to residents of Wigfair Hall. Cumulative Schemes A, B, D, E, F, G, H, I, K, M and N will not be visible in views experienced by these receptors. There is no potential for residents to experience sequential cumulative effects as views are fixed.
		Very Small	Minor Adverse	Very Small	Negligible Adverse	Very Small	Minor Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a full step (e.g., from “Very Small” to “Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Small	<u>Moderate Adverse</u>	Small	<u>Minor Adverse</u>	Small	<u>Moderate Adverse</u>	Small	<u>Minor Adverse</u>	
Users of the lane that runs along the eastern slopes of the Cefn Meiriadog ridge (Site Context Photographs 8 and 9)	Medium	Effects resulting from the Proposed Development Alone:								The ZTV indicates that the Proposed Development and Cumulative Scheme A, B, C, D, F, G, H, J, K, L and M may be concurrently visible in views experienced by users of the lane that runs along the eastern slopes of the Cefn Meiriadog ridge, from a large proportion of the route. Sequential views will also be available to these receptors as they move along the route. Both concurrent and sequential views of the Proposed Development and Cumulative Scheme E may be available to these receptors to a very limited extent. Views of at least one Cumulative Scheme or the Proposed Development will be available from the entirety of the route. Cumulative Schemes I and N will not be visible in views experienced by these receptors.
		Small	Minor Adverse	Small	Negligible Adverse	Small	Minor Adverse	Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by one and a half steps (e.g., from “Small” to “Medium to Large”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Medium to Large	<u>Moderate to Major Adverse</u>	Medium to Large	<u>Minor to Moderate Adverse</u>	Medium to Large	<u>Moderate to Major Adverse</u>	Medium to Large	<u>Minor to Moderate Adverse</u>	
Residents at Isfryn, Ty Celyn, Cefn Farm, Caubwll, 1 and 2 Camrau, 1 and 2 Church View and Rhewl (Near Site Context Photographs 8 and 9)	Medium	Effects resulting from the Proposed Development Alone:								The ZTV indicates that the Proposed Development and Cumulative Schemes A, B, C, D, F, G, H, J and L may be concurrently visible to a moderate extent in views experienced by residents at Isfryn, Ty Celyn, Cefn Farm, Caubwll, 1 and 2 Camrau, 1 and 2 Church View and Rhewl. The Proposed Development and Cumulative Scheme E may be concurrently visible to a very limited extent for these receptors. The Proposed Development and Cumulative Schemes K and M may be concurrently visible to a moderate extent to residents of each of these properties except for Rhewl. Cumulative Schemes I and N will not be visible in views experienced by these receptors. There is no potential for residents to experience sequential cumulative effects as views are fixed.
		Small	Minor Adverse	Small	Negligible Adverse	Small	Minor Adverse	Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by one and a half steps (e.g., from “Small” to “Medium to Large”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Medium to Large	<u>Moderate to Major Adverse</u>	Medium to Large	<u>Minor to Moderate Adverse</u>	Medium to Large	<u>Moderate to Major Adverse</u>	Medium to Large	<u>Minor to Moderate Adverse</u>	
Residents at Tan y Bryn and Tan y Bryn Uchaf (No Site Context Photograph)	Medium	Effects resulting from the Proposed Development Alone:								The ZTV indicates that the Proposed Development and Cumulative Schemes A, C, J and L may be concurrently visible to a moderate extent in views experienced by residents at Tan y Bryn and Tan y Bryn Uchaf. The Proposed Development and Cumulative Schemes B, D, G and H may be concurrently visible to a very limited extent for these receptors. Cumulative Schemes E, F, I, K, M and N will not be visible in views experienced by these receptors. There is no potential for residents to experience sequential cumulative effects as views are fixed.
		Small	Minor Adverse	Small	Negligible Adverse	Small	Minor Adverse	Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a full step (e.g., from “Small” to “Medium”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Medium	<u>Moderate Adverse</u>	Medium	<u>Minor Adverse</u>	Medium	<u>Moderate Adverse</u>	Medium	<u>Minor Adverse</u>	
Pedestrians on the short distance local footpaths PRoW 105/3, 105/4 and 105/6 (Site Context Photographs 7 and 10)	Medium	Effects resulting from the Proposed Development Alone:								The ZTV indicates that the Proposed Development and Cumulative Schemes C, D, G, J, K and L may be concurrently visible in views experienced by Pedestrians on the short distance local footpaths PRoW 105/3, 105/4 and 105/6, from a large proportion of each route. The Proposed Development and Cumulative Schemes A, B, F and H may be concurrently visible in views from PRoW 105/4 and 105/6. The Proposed Development and Cumulative Scheme M may be concurrently visible in views from PRoW 105/3 and 105/6. Sequential views of the above Cumulative Schemes will also be available to these receptors as they move along the routes. Both concurrent and sequential views of the Proposed Development and Cumulative Scheme E may be available from PRoW 105/6 to a very limited extent. Both concurrent and sequential views of the Proposed Development and Cumulative Scheme M may be available from PRoW 105/4 to a very limited extent. Views of at least one Cumulative Scheme or the Proposed Development will be available from the entirety of the routes. Cumulative Schemes I and N will not be visible in views experienced by these receptors.
		Very Small	Negligible Adverse	Very Small	No Effect	Very Small	Negligible Adverse	Very Small	No Effect	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by one and a half steps (e.g., from “Very Small” to “Small to Medium”) at Year 1, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone. As the Proposed Development alone results in No Effect at Year 15, no cumulative effects will result from the Proposed Development in combination with any Cumulative Scheme.
		Small to Medium	<u>Minor to Moderate Adverse</u>	Small to Medium	<u>No Effect</u>	Small to Medium	<u>Minor to Moderate Adverse</u>	Small to Medium	<u>No Effect</u>	



Receptor		Effects								
		Operational Phase at Year 1		Operational Phase at Year 15		Operational Phase at Year 1 – Residual Effects		Operational Phase at Year 15 – Residual Effects		
Name	Sensitivity	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Magnitude	Significance	Description of Effects
Users of the churchyard of the Church of St Mary in Cefn Meiriadog (Near Site Context Photograph 10)	High	Effects resulting from the Proposed Development Alone:								The ZTV indicates that the Proposed Development and Cumulative Schemes B, C, G, H, J, K and L may be concurrently visible to a moderate extent in views experienced by users of the churchyard of the Church of St Mary in Cefn Meiriadog. The Proposed Development and Cumulative Schemes A, D and F may be concurrently visible to a very limited extent for these receptors. Cumulative Schemes E, I, M and N will not be visible in views experienced by these receptors. There is no potential for residents to experience sequential cumulative effects as views are fixed. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by a full step (e.g., from “Very Small” to “Small”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Very Small	Minor Adverse	Very Small	Negligible Adverse	Very Small	Minor Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Small	<u>Moderate Adverse</u>	Small	<u>Minor Adverse</u>	Small	<u>Moderate Adverse</u>	Small	<u>Minor Adverse</u>	
Residents at Tyddyn Meredydd (Near Site Context Photograph 7)	High	Effects resulting from the Proposed Development Alone:								The ZTV indicates that the Proposed Development and Cumulative Schemes A, B, C, D, F, G, H, J, K and L may be concurrently visible to a moderate extent in views experienced by residents at Tyddyn Meredydd. The Proposed Development and Cumulative Scheme E may be concurrently visible to a very limited extent for these receptors. Cumulative Schemes I, M and N will not be visible in views experienced by these receptors. There is no potential for residents to experience sequential cumulative effects as views are fixed. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by one and a half steps (e.g., from “Very Small” to “Small to Medium”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Very Small	Minor Adverse	Very Small	Negligible Adverse	Very Small	Minor Adverse	Very Small	Negligible Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Small to Medium	<u>Moderate to Major Adverse</u>	Small to Medium	<u>Minor to Moderate Adverse</u>	Small to Medium	<u>Moderate to Major Adverse</u>	Small to Medium	<u>Minor to Moderate Adverse</u>	
Users of PRoW and lanes within and immediately adjacent to the Clwydian Range and Dee Valley National Landscape (Site Context Photographs 12, 14 and 15)	Very High	Effects resulting from the Proposed Development Alone:								The ZTV indicates that the Proposed Development and Cumulative Schemes A, B, C, D, E, F, G, H, K and N, and to a lesser extent Cumulative Schemes J and L, may be concurrently visible in views experienced by users of PRoW and lanes within and immediately adjacent to the Clwydian Range and Dee Valley National Landscape, from a limited proportion of the National Landscape. Sequential views will also be available to these receptors as they move through the area. Both concurrent and sequential views of the Proposed Development and Cumulative Scheme M may be available to these receptors to a very limited extent. Views of at least one Cumulative Scheme or the Proposed Development will be available from a limited proportion of the National Landscape. Cumulative Scheme I will not be visible in views experienced by these receptors. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by one and a half steps (e.g., from “Very Small” to “Small to Medium”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Very Small	Minor Adverse	Very Small	Minor Adverse	Very Small	Minor Adverse	Very Small	Minor Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Small to Medium	<u>Moderate to Major Adverse</u>	Small to Medium	<u>Moderate to Major Adverse</u>	Small to Medium	<u>Moderate to Major Adverse</u>	Small to Medium	<u>Moderate to Major Adverse</u>	
Residents of properties within and immediately adjacent to the Clwydian Range and Dee Valley National Landscape (Near Site Context Photographs 12, 14 and 15)	Very High	Effects resulting from the Proposed Development Alone:								The ZTV indicates that the Proposed Development and each of the Cumulative Schemes except for Cumulative Scheme I may be concurrently visible to a moderate extent in views experienced by residents of properties within and immediately adjacent to the Clwydian Range and Dee Valley National Landscape. Cumulative Scheme I will not be visible in views experienced by these receptors. There is no potential for residents to experience sequential cumulative effects as views are fixed. In combination with the Proposed Development, the cumulative magnitude of change and significance of effect will increase by one and a half steps (e.g., from “Very Small” to “Minor Adverse”) at both Years 1 and 15, in comparison to the magnitude of change and significance of effect resulting from the implementation of the Proposed Development alone.
		Very Small	Minor Adverse	Very Small	Minor Adverse	Very Small	Minor Adverse	Very Small	Minor Adverse	
		Cumulative Effects Resulting from the Proposed Development and Cumulative Schemes:								
		Small to Medium	<u>Moderate to Major Adverse</u>	Small to Medium	<u>Moderate to Major Adverse</u>	Small to Medium	<u>Moderate to Major Adverse</u>	Small to Medium	<u>Moderate to Major Adverse</u>	

Sensitivity of receptor: High, Medium or Low

Magnitude of change: Large, Medium to Large, Medium, Small to Medium, Small, Very Small to Small, Very Small, None to Very Small or None

Significance of effect: Substantial Beneficial, Major to Substantial Beneficial, Major Beneficial, Moderate to Major Beneficial, Moderate Beneficial, Minor to Moderate Beneficial, Minor Beneficial, Negligible to Minor Beneficial, Negligible Beneficial, No Effect to Negligible Beneficial, No Effect, No Effect to Negligible Adverse, Negligible Adverse, Negligible to Minor Adverse, Minor Adverse, Minor to Moderate Adverse, Moderate Adverse, Moderate to Major Adverse, Major Adverse, Major to Substantial Adverse, Substantial Adverse

