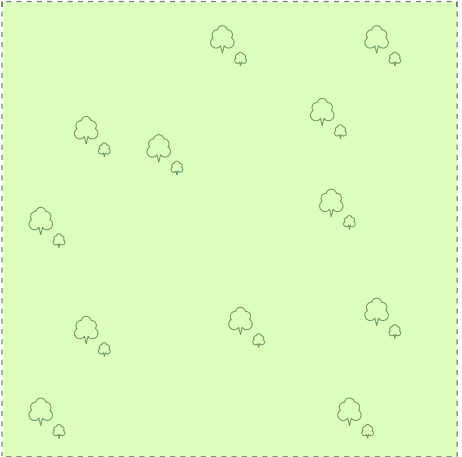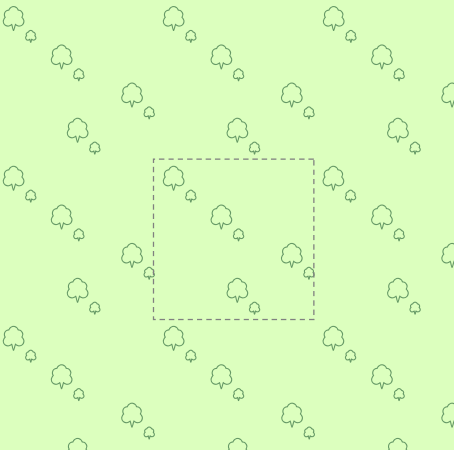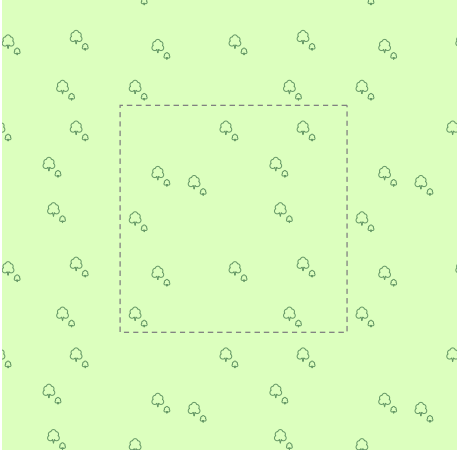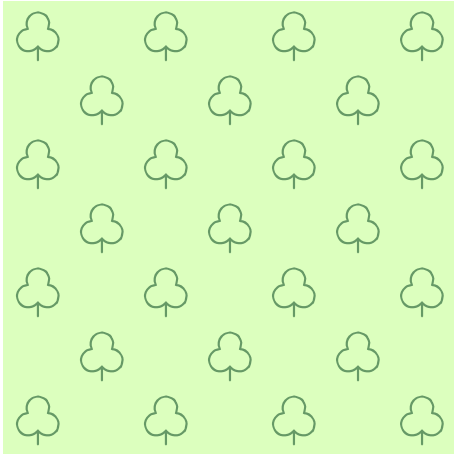# Annex B – Comparison Between the OS ArcMap Layer File Styles and the MasterMap User Guide Styles

1. Topographic Area fills included in the ArcMap layer file that do not conform to the styles defined in the user guide.
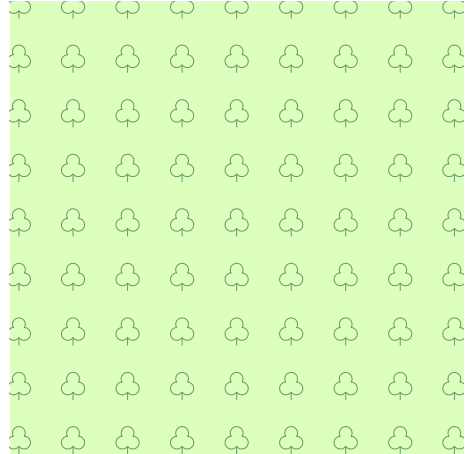
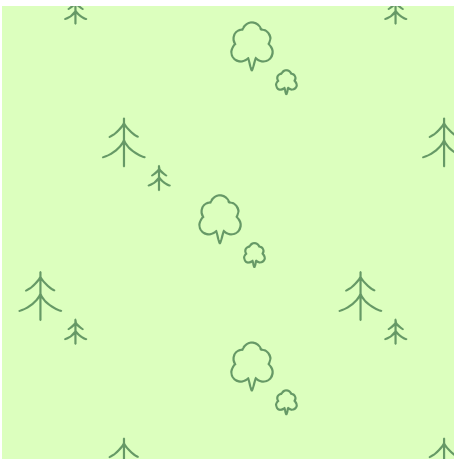| Layer File Nonconiferous Tree Pattern	User Guide Nonconiferous Tree Pattern
35m x 35m blocks containing 4 fill symbols	50m x 50m blocks containing 12 fill symbols

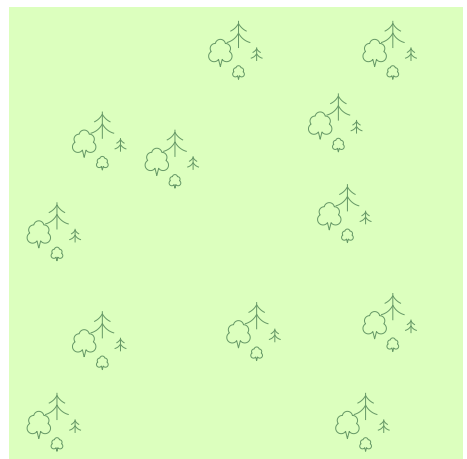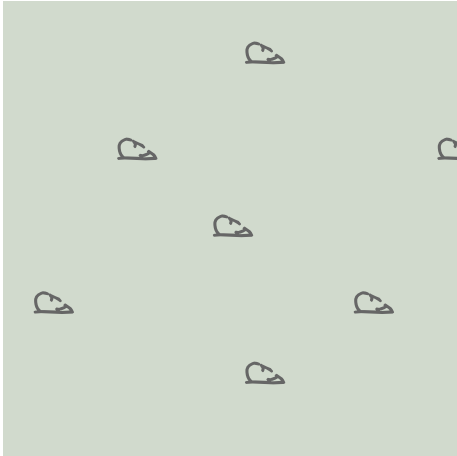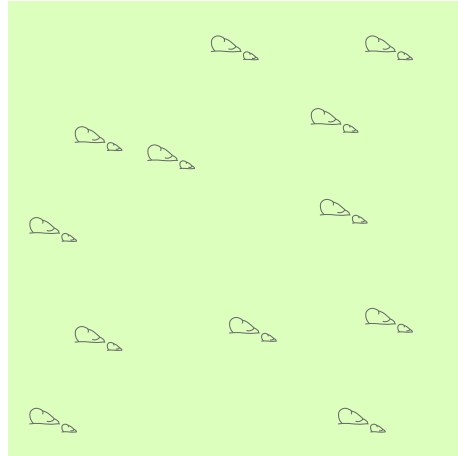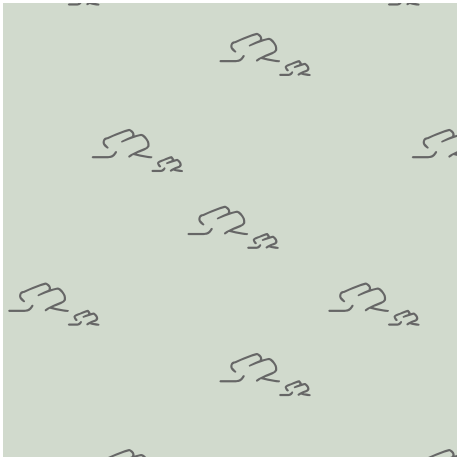| Layer File Orchard Fill	User Guide Orchard Pattern
Natural Environment Fill + Orchard Fill Symbol	Natural Environment Fill + Orchard Fill Symbol
Layer File Mixed Woodland Fill	User Guide Nonconiferous Trees and Coniferous Trees Pattern
Separate Nonconiferous Trees and Coniferous Trees Fill Symbols	Compound Nonconiferous Trees and Coniferous Trees Fill Symbols

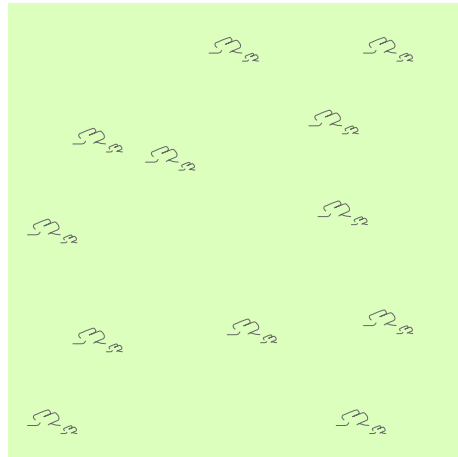| Layer File Boulders Pattern	User Guide Boulders Pattern
Shingle Fill + Boulder Fill Symbol	Natural Environement Fill + Boulders Fill Symbol
Layer File Rocks Pattern	User Guide Rocks Pattern
Shingle Fill + Rocks Fill Symbol	Natural Environement Fill + Rocks Fill Symbol

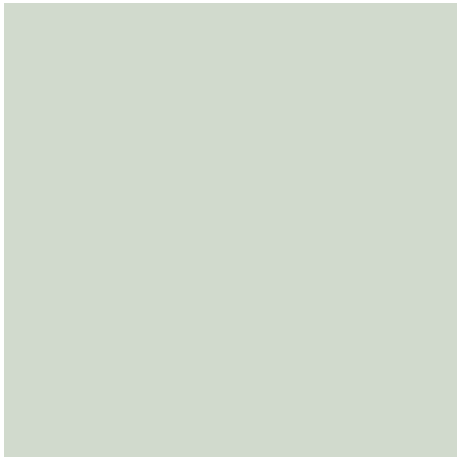| Layer File Scree Pattern	User Guide Scree Pattern
Shingle Fill + Scree Fill Symbol	Natural Environment Fill + Scree Fill Symbol
Layer File Shingle Fill	User Guide Shingle Pattern
Shingle Fill	Shingle Fill + Shingle Fill Symbol
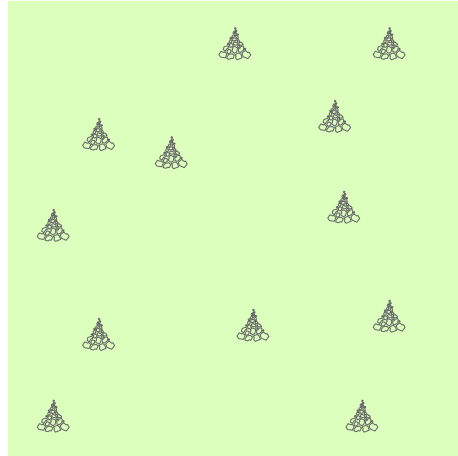
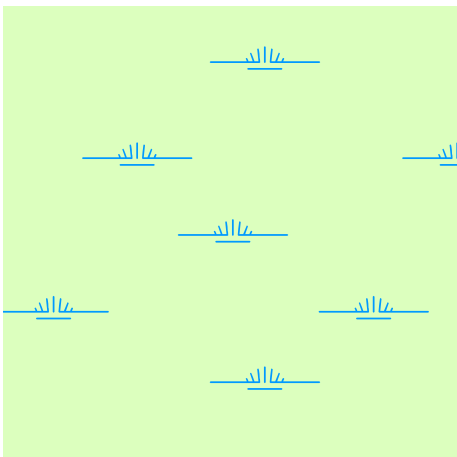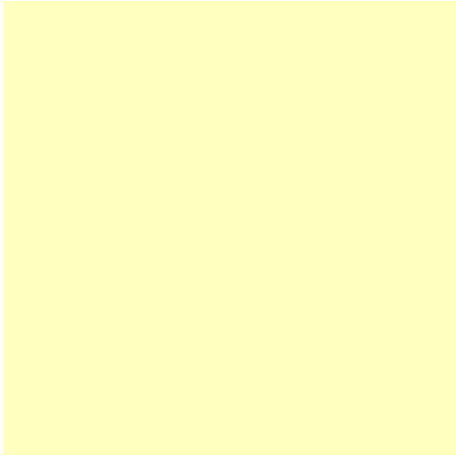|	
Layer File Reeds Pattern	User Guide Reeds Pattern
Tidal Water Fill + Saltmarsh Fill Symbol (identical to Saltmarsh Fill)	Tidal Water Fill + Reeds Fill Symbol
Layer File Marsh Pattern	User Guide Marsh Pattern
Natural Environment Fill + Saltmarsh Fill Symbol	Natural Environment Fill + Marsh Fill Symbol
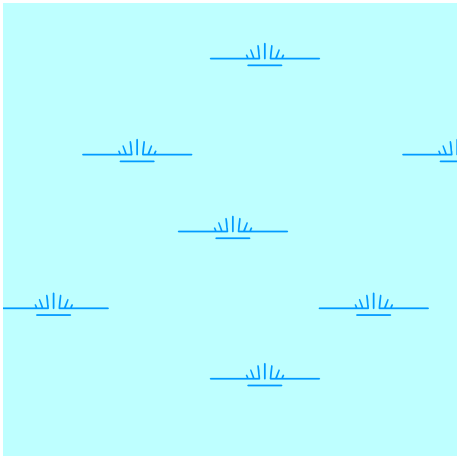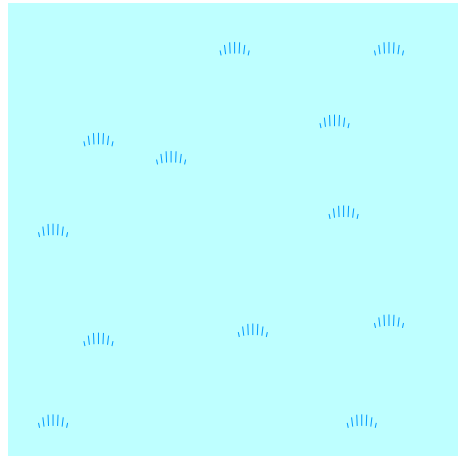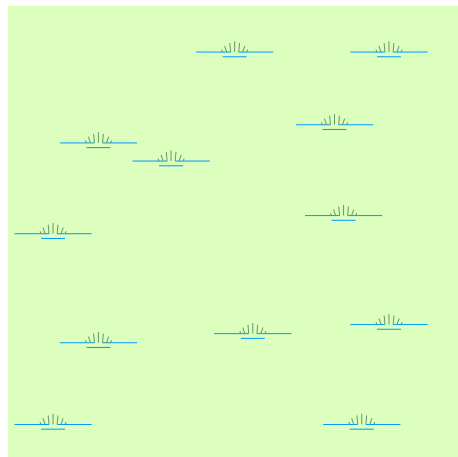
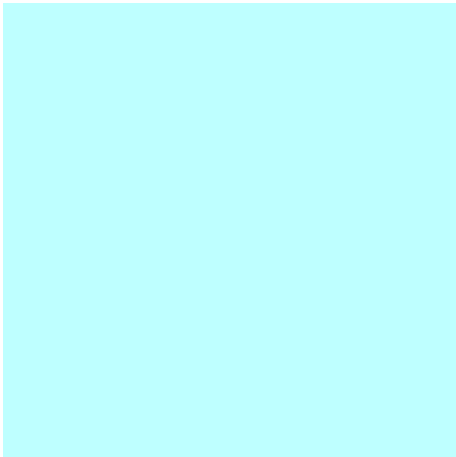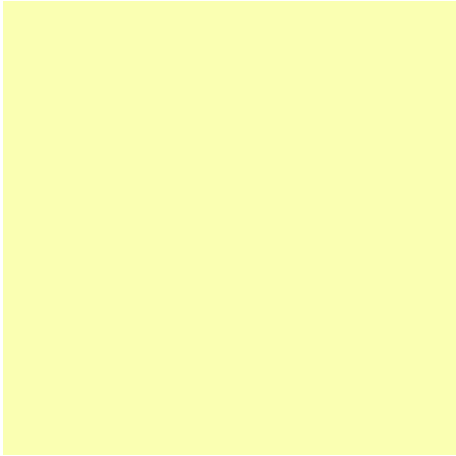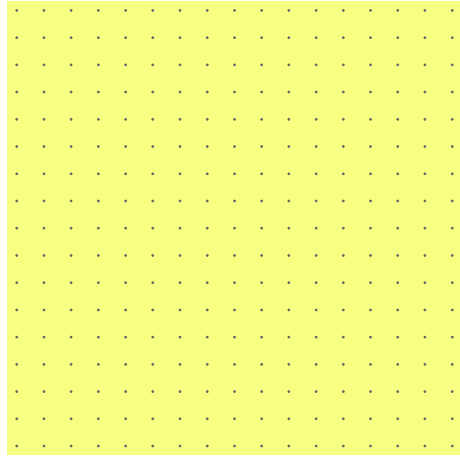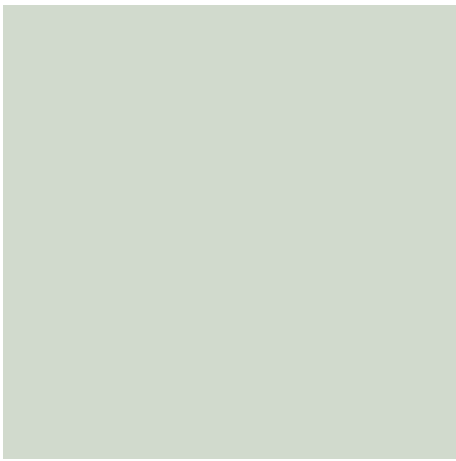| Layer File Pylon Fill	User Guide Structure Fill
Pylons are rendered using a different fill to other structures	Fill used for all structures including pylons
Layer File Canal Fill	User Guide Constructed Water Fill
Identical to Inland Water Fill and Tidal Water Fill	Fill used for all constructed water features including canals
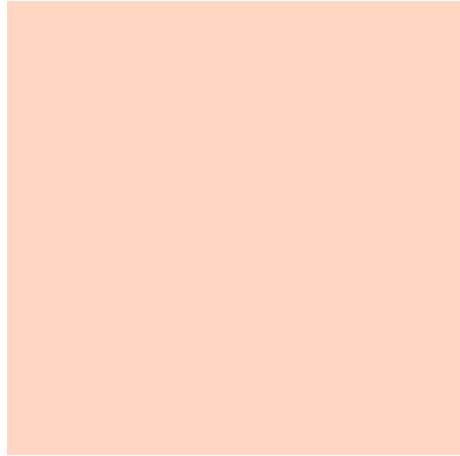
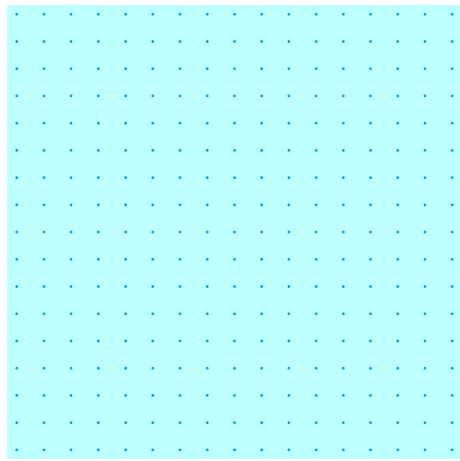| Layer File Sand Fill	User Guide Sand Pattern
Layer File Foreshore Fill	User Guide Foreshore Pattern
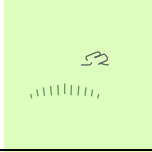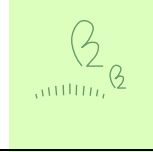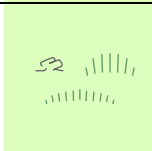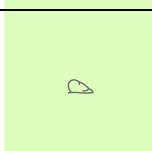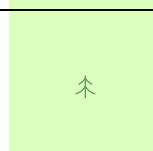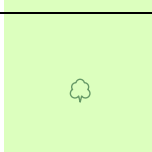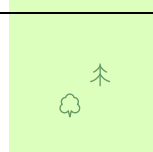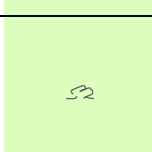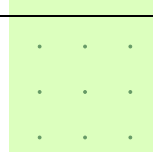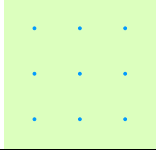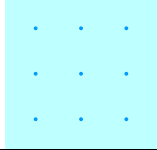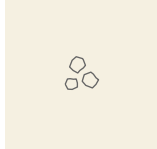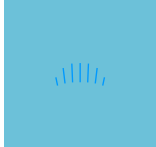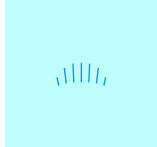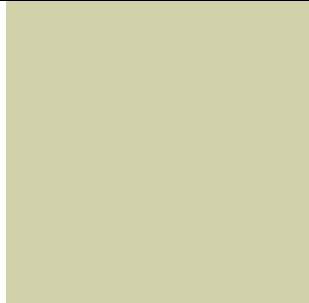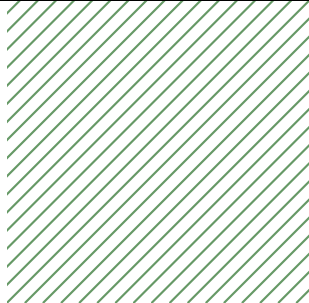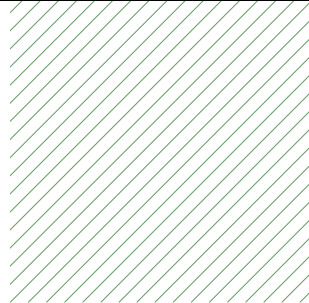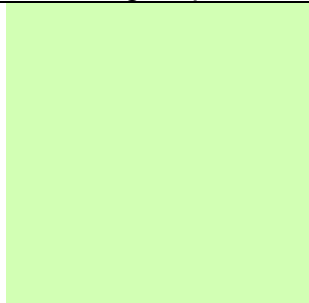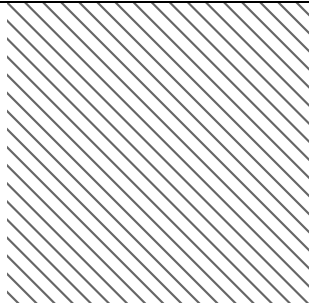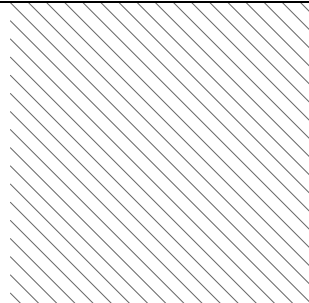
2. Topographic Area Patterns not included in the ArcMap layer file

Coniferous Trees and Scattered Rocks Pattern		Coniferous Trees and Scrub Pattern	
Heath and Scattered Rocks Pattern		Heath and Scrub Pattern	
Nonconiferous Trees and Coppice Pattern		Nonconiferous Trees and Scattered Rocks Pattern	
Nonconiferous Trees and Scrub Pattern		Rocks, Rough Grass and Boulders Pattern	
Rough Grass and Boulders Pattern		Rough Grass and Coniferous Trees Pattern	
Rough Grass and Heath Pattern		Rough Grass and Marsh Pattern	
Rough Grass and Nonconiferous Trees Pattern		Rough Grass and Rocks Pattern	
Rough Grass and Scattered Boulders Pattern		Rough Grass and Scattered Boulders Pattern	

Pattern	Symbol	Pattern	Symbol
Rough Grass and Scattered Rocks Pattern		Rough Grass and Scrub Pattern	
Rough Grass, Nonconiferous Trees and Coniferous Trees Pattern		Rough Grass, Nonconiferous Trees and Scrub Pattern	
Rough Grass, Scattered Nonconiferous Trees and Scrub Pattern		Rough Grass, Scattered Rocks and Boulders Pattern	
Rough Grass, Scattered Rocks and Heath Pattern		Rough Grass, Scattered Rocks and Scattered Boulders Pattern	
Scattered Coniferous Trees, Scattered Nonconiferous Trees and Scrub Pattern		Scrub and Scattered Nonconiferous Trees Pattern	
Scrub, Coniferous Trees and Nonconiferous Trees Pattern		Scrub, Nonconiferous Trees and Coppice Pattern	
Scattered Boulders Pattern		Scattered Coniferous Trees Pattern	
Scattered Nonconiferous Trees Pattern		Scattered Nonconiferous Trees and Scattered Coniferous Trees Pattern	
Scattered Rocks Pattern		Multi Vegetation Pattern	

|			
Natural Environment Fill + Collects & Spreads Pattern		Tidal Water Fill + Collects & Spreads Pattern	
Mud Fill + Sand Pattern		Mud Fill + Shingle Pattern	
Constructed Water Fill + Reeds Pattern		Inland Water Fill + Reeds Pattern	

3. Landform Styles

Layer File Landform Styles		User Guide Landform Styles
Landform Manmade Fill – manmade landform areas excluding slopes	Slope Fill	Manmade Landform Pattern – all manmade landform areas including slopes
Landform Natural Fill – natural landform areas excluding cliffs	Cliff Fill	Natural Landform Pattern – all natural landform areas including cliffs

4. Topographic Line Styles

Layer File Standard Gauge Track	User Guide Standard Gauge Rail
0.423m	0.15m
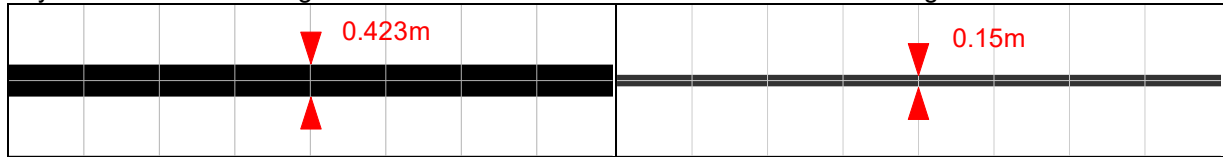
Layer File		User Guide	
	Building Outline		Building
	Building Division		
	Building Overhead		Building Overhead
	Polygon Closing		Closing
	Property Closing		
	Default		Default
	General Surface Natural		
	Pylon		
	Step		
	Path		Default Dashed
	Road or Track		
	Edge		
	Historic Interest		
	Traffic Calming		

▬ ▬ ▬ ▬ ▬	Tunnel Edge	▬ ▬ ▬	Default Underground
▬ ▬ ▬ ▬	Landform Manmade		Landform
▬ ▬ ▬ ▬	Landform Natural		
▬▬▬▬▬▬	Ridge or Rock	▬ ▬ ▬ ▬	
▬ ▬ ▬ ▬	Bottom of Cliff		
▬ ▬ ▬ ▬	Bottom of Slope		
▬ ▬ ▬	Top of Cliff	▬ ▬ ▬ ▬	Landform Bold
▬ ▬ ▬	Top of Slope		
▬▬▬▬▬▬	Narrow Gauge Track	▬▬▬▬▬▬	Narrow Gauge Rail Alignment
▬▬▬▬▬▬	Railway Buffer		
▬▬▬▬▬▬	Standard Gauge Track	▬▬▬▬▬▬	Standard Gauge Rail
▬ ▬ ▬ ▬	Line of Posts	● ● ● ● ●	Posts
		▬▬▬▬▬▬	Sea Defence
▬ ▬ ▬ ▬	Overhead Construction	▬ ▬ ▬	Structure Overhead
▬▬▬▬▬▬	Inland Water		Water
▬▬▬▬▬▬	Culvert	▬▬▬▬▬▬	
▬▬▬▬▬▬	Drain		
▬▬▬▬▬▬	Mean High Water	▬▬▬▬▬▬	Water Bold
▬▬▬▬▬▬	Mean Low Water	▬▬▬▬▬▬	Water Dashed

5. Boundary Line Styles

Layer File Parliamentary Boundary

2.12m

3.52m

stroke: #FF00FF
stroke-width: 1.058m

User Guide Parliamentary Boundary

0.5m

1.8m

stroke: #FF00FF
stroke-width: 0.4m
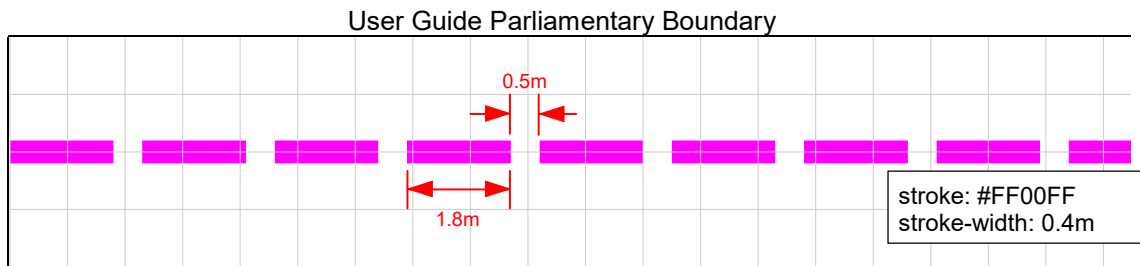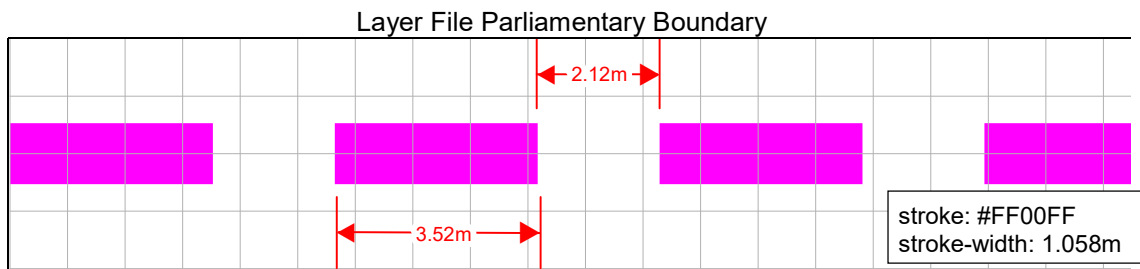
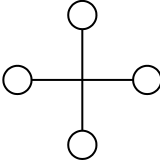|	Layer File	User Guide
County stroke-dasharray – 2.0, 1.0 stroke-width – 0.4		
District stroke-dasharray – 1.5, 0.8 stroke-width – 0.3		
Electoral stroke-dasharray – 1.5, 0.5 stroke-width – 0.2		
Parish stroke-dasharray – 0.4, 0.8 stroke-width – 0.4		
Parliamentary stroke-dasharray – 1.8, 0.5 stroke-width – 0.4		
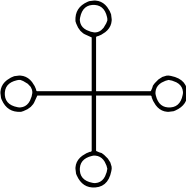
6. Topographic Point Symbols

Layer File Character Marker Symbol

4.2m

stroke: #000000
stroke-width: 0.187m

User Guide SVG Symbol

3m

stroke: #666666
stroke-width: 0.087m

Layer File Point Symbols		User Guide Point Symbols	
	Positioned Nonconiferous Tree		Positioned Nonconiferous Tree Symbol
	Positioned Coniferous Tree		Positioned Coniferous Tree Symbol
	Site Of Heritage		Heritage Site Of Symbol
	Triangulation Point Or Pillar		Triangulation Station Symbol

Layer File Point Symbols		User Guide Point Symbols	
✛	Spot Height	+	Spot Height Symbol
		+	Air Height Symbol
●	Emergency Telephone	●	Emergency Telephone Symbol
○	Boundary Post Or Stone	○	Boundary Post Symbol
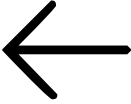
Layer File Point Symbols		User Guide Point Symbols	
●	Roadside		
●	Overhead Construction		
✚	Rail	●	Point Symbol
●	Historic Interest		
●	Structure		
○	Landform	○	Landform Disused Symbol
		🐁	Positioned Boulder Symbol

Layer File Point Symbols		User Guide Point Symbols	
▬	Culvert	●	Water Point Symbol
●	Inland Water		
●	Tidal Water		
		○	Cave Symbol
		†	Cross Symbol
		●	Postbox Symbol
		●	Signal Symbol

7. Cartographic Symbol Styles

Layer File Character Marker Symbol

User Guide SVG Symbol
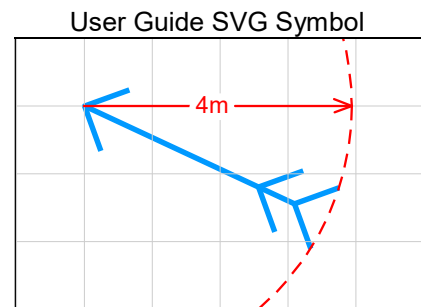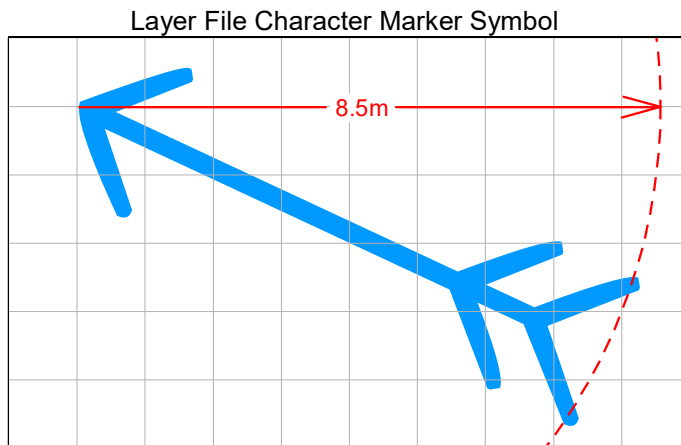
Layer File		User Guide	
	Direction of Flow		Flow Arrow
	Culvert		Culvert
	Boundary Half Mereing		Boundary Mereing Change

←	Bench Mark	←	Bench Mark
←	Road Related Flow	←	Road Flow
—	Rail Switch	—	Railway Switch