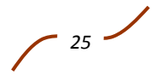
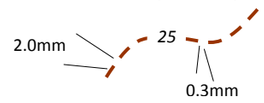
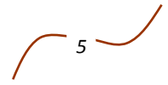
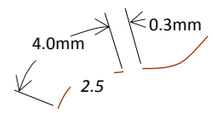
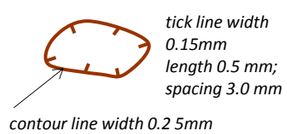
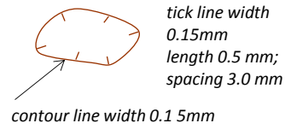
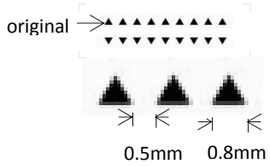
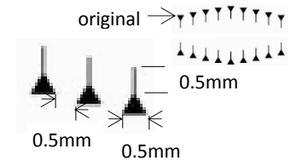
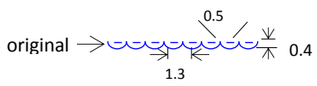
Map symbols for 1:10,000 scale Digital Topographic Map

Survey Department

7.1 Topographic Features_Contour lines

No.	Feature Class	Data Class	Feature Name	Data Type	Definition	Acquisition criterion	Data Acquisition method	Symbol (Shape and Size)
	Topographic Features	Contour Lines	Index Contour Line 計曲線	line	A line on a map that connects points of equal every 25m height above mean sea level.	The contour line every 25m height above mean sea level that is identified clearly should be plotted.	The point that has equal every 25m height shall be plotted.	Colour : Brown (0.25mm) 
	Topographic Features	Contour Lines	Index Contour Line (Uncertain) 計曲線（不明）	line	A line on a map that connects uncertain points of equal every 25m height above mean sea level.	The uncertain contour line every 25m height above mean sea level that is identified unclearly should be plotted.	The uncertain point that has equal every 25m height shall be plotted.	Colour : Brown (0.1mm) 
	Topographic Features	Contour Lines	Intermediate Contour Line主曲線	line	A line on a map that connects points of equal every 5m height above mean sea level.	The contour line every 5m height above mean sea level that is identified clearly should be plotted.	The point that has equal every 5m height shall be plotted.	Colour : Brown (0.1mm) 
	Topographic Features	Contour Lines	Intermediate Contour Line (Uncertain) 主曲線（不明）	line	A line on a map that connects uncertain points of equal every 5m height above mean sea level.	The uncertain contour line every 5m height above mean sea level that is identified unclearly should be plotted.	The uncertain point that has equal every 5m height shall be plotted.	Colour : Brown (0.1mm)
	Topographic Features	Contour Lines	Supplementary Contour Line補助曲線	line	A line on a map that connects points of equal every 2.5m height above mean sea level.	The contour line every 2.5m height above mean sea level should be plotted so that the flat terrain is expressed in detail on the map.	The point that has equal every 2.5m height shall be plotted in the relative flat area.	Colour : Brown (0.15mm) 
	Topographic Features	Contour Lines	Bathymetric Contour Line (Depth Contour Lines)等深線	line	A line on a bathymetric image that connects points of equal depth below mean sea level.	The bathymetric contour should be digitized based on the bathymetric images.	The bathymetric images will be acquired from collected data of related office. The centre of each bathymetric contour shall be digitized.	Colour : Blue (0.1mm)
	Topographic Features	Contour Lines	Depression, Index Contour Line おう地 （計曲線）	polygon	A part of a surface that is deeper or lower than the other parts. A contour interval is 25m.	The depression that is more than 100m by 100m should be plotted.	The data will be acquired by the 3D plotting. The depression index contour line shall be plotted. The direction of plotting is clockwise.	Colour : Brown (0.25mm) 

No.	Feature Class	Data Class	Feature Name	Data Type	Definition	Acquisition criterion	Data Acquisition method	Symbol (Shape and Size)
	Topographic Features	Contour Lines	Depression, Intermediate Contour Line おう地 （主曲線）	polygon	A part of a surface that is deeper or lower than the other parts. A contour interval is 5m.	The depression that is more than 100m by 100m should be plotted.	The data will be acquired by the 3D plotting. The depression intermediate contour line shall be plotted. The direction of plotting is clockwise.	Colour : Brown (0.15mm) 
	Topographic Features	Slope Structure	Embankment (artificial slope) 法面（盛土）	line	A wide wall of earth or stones built to stop water from flooding an area or to support a road or railroad.	The embankment that is more than 100m long should be plotted.	The data will be acquired by the field verification. The edge of top embankment shall be plotted. The direction of plotting is as follows, The lower side is always right side while plotting.	Colour : Black 
	Topographic Features	Slope Structure	Cutting (artificial slope) 法面（切土）	line		The cutting that is more than 100m long should be plotted.	The data will be acquired by the field verification. The edge of top cutting shall be plotted. The direction of plotting is as follows, The lower side is always right side while plotting.	Colour : Black 
	Topographic Features	Sea Feature	Reef/Coral さんご礁	line	A line of sharp rocks, often made of coral, or a raised area of sand near the surface of the ocean.	The reef, coral that is more than 100m long should be plotted.	The data will be acquired by the field verification. The edge of reef/coral shall be plotted. The direction of plotting is as follow, the sea side is always right side while plotting.	Colour : Blue (0.1mm)