Channel Report

Hydraflow Express Extension for AutoCAD® Civil 3D® 2013 by Autodesk, Inc. Thursday, Dec 12 2013

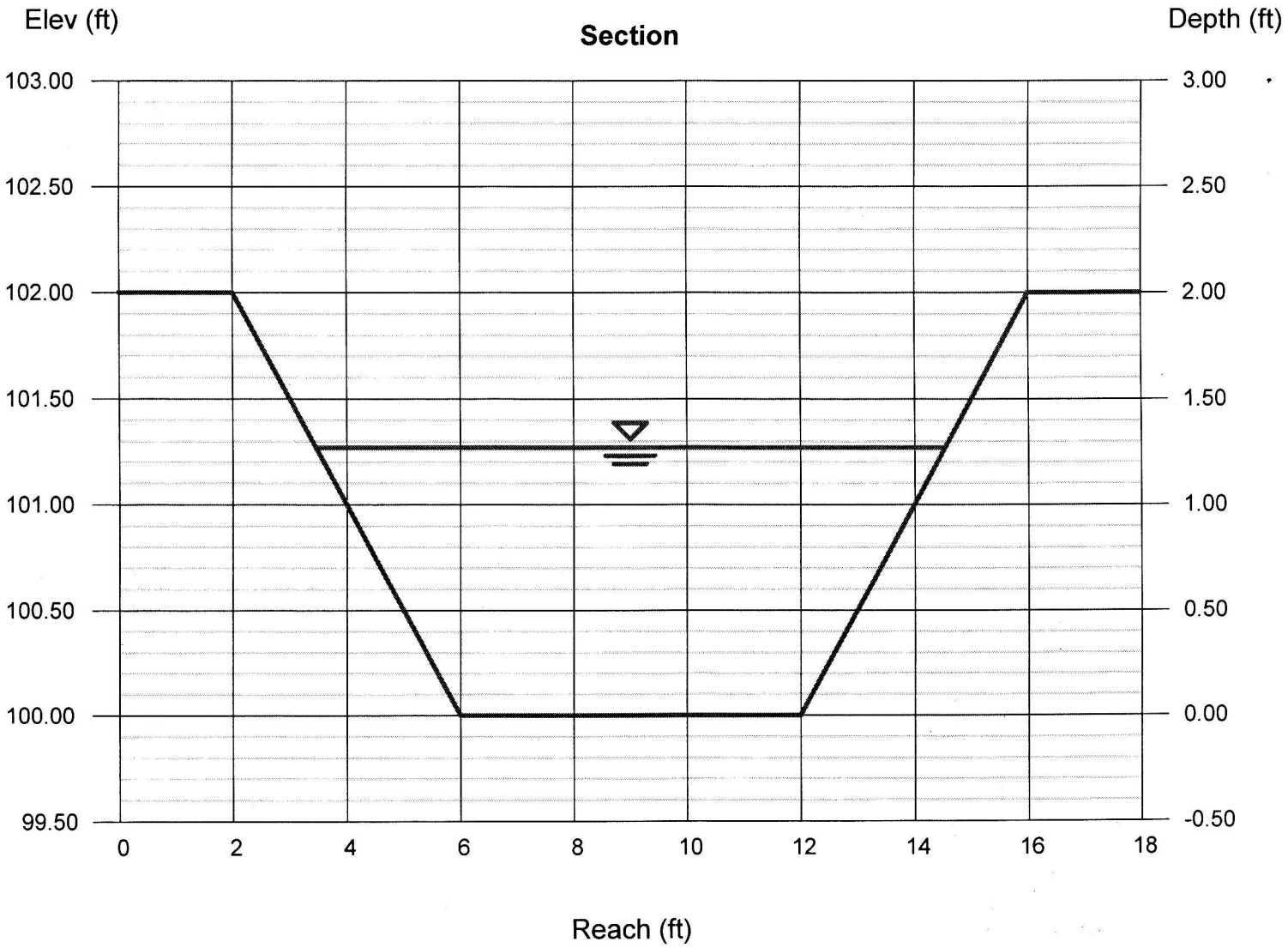
TowMate

Trapezoidal

Bottom Width (ft)	= 6.00
Side Slopes (z:1)	= 2.00, 2.00
Total Depth (ft)	= 2.00
Invert Elev (ft)	= 100.00
Slope (%)	= 2.00
N-Value	= 0.025

Calculations

Compute by:	Known Q
Known Q (cfs)	= 86.49

Highlighted

Depth (ft)	= 1.27
Q (cfs)	= 86.49
Area (sqft)	= 10.85
Velocity (ft/s)	= 7.97
Wetted Perim (ft)	= 11.68
Crit Depth, Yc (ft)	= 1.56
Top Width (ft)	= 11.08
EGL (ft)	= 2.26