C-1BB
6/18/92

Rectangular Channel Analysis & Design
Open Channel - Uniform flow

Worksheet Name: pres warehouse

Comment:

Solve For Discharge

Given Input Data:

Bottom Width.....	1.00 ft
Manning's n.....	0.013
Channel Slope.....	0.0217 ft/ft
Depth.....	0.50 ft

Computed Results:

Discharge.....	3.34 cfs
Velocity.....	6.68 fps
Flow Area.....	0.50 sf
Flow Top Width...	1.00 ft
Wetted Perimeter.	2.00 ft
Critical Depth...	0.70 ft
Critical Slope...	0.0089 ft/ft
Froude Number....	1.67 (flow is Supercritical)