Verify plot scale with outer border: 250 x 390 mm

Typ. 4500mm per lane
[14'-9"]

Traction / drainage grooves
Approx. 25 mm [1"] wide

Ideally 8000mm
[26'-3"]

Side Dock: Min. 1200mm, wider is better
[3'-11"]

Min. size 200 mm [8"]

Cleats
Spaced at 2400 mm [8'] on both sides of dock

Floating Dock

1200mm
[3'-11"]

Prop wash will erode lake bed and undermine ramp if foot of ramp is too shallow

8000mm
[26'-3"]

Must not touch at low water

High water mark
Low water mark

500mm
[1'-8"]

Ideal Slope: 12% to 15% (7° to 8.5°)
Less than 12%: Car's rear wheels are underwater
More than 15%: Car loses traction, people tend to slip

If concrete pad is too short,
front-drive cars will slip and
erode gravel surface

Min. 2000mm
[6'-7"]

Small Craft Launch Ramp
Recommended Dimensions

Scale	1:50	Sheet 1	of 1
Date (current rev.)	8-Nov-12		
Design Ref.	014	Launch Ramp	
Client	Free Use (CC0 Public Domain)		

Designed by:
M. B. Marsh Design
Kingston, ON

http://www.marsh-design.com

C:\Users\Matthew\Documents\Marine\Examples\2012-10 launch ramp\launch ramp.dwg

Tabloid