

06PL072

North Property Line Drainage Swale  
Cross Section for Trapezoidal Channel

FROM THE ORIGINAL  
DRAINAGE REPORT  
DATED SEPT. 9, 2008  
\* SEALED SEPT. 16, 2009  
DRAINAGE EASEMENT  
MINIMUM AT  $Q_c$   
OF CHANNEL IS  
4' BOTTOM + 2x 9'  
SIDES = 22'  
TO ACCOMMODATE  
1' FREEBOARD.

Project Description	
Project File	x:\366-399\0372\drainage\mcmahon.fm2
Worksheet	Off-Site Channel
Flow Element	Trapezoidal Channel
Method	Manning's Formula
Solve For	Channel Depth

Section Data	
Mannings Coefficient	0.040
Channel Slope	0.005000 ft/ft
Depth	1.25 ft
Left Side Slope	4.000000 H : V
Right Side Slope	4.000000 H : V
Bottom Width	4.00 ft
Discharge	25.00 cfs

