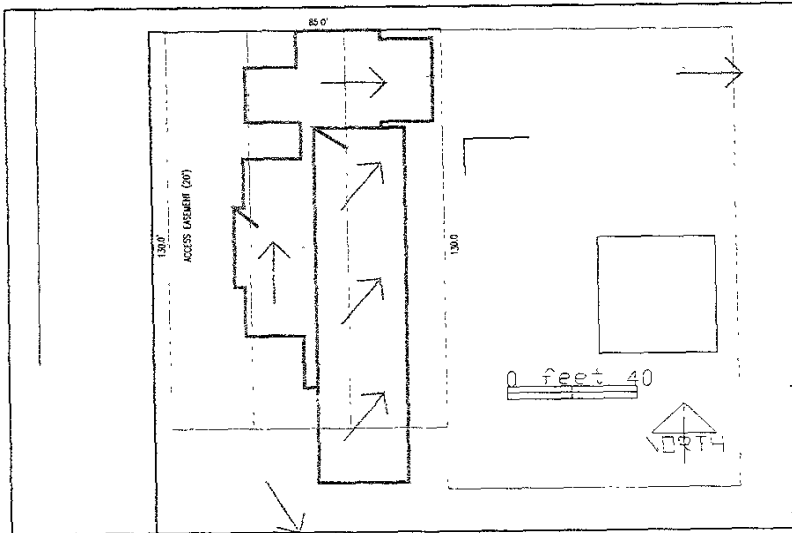


**SPREADSHEET CALCULATIONS**

PROJECT: BOOS 5-UNIT APARTMENT (PLUMTREE) - NORTH PORTION  
 CLIENT: BART BOOS

	Total A Acres	Impervious SF	Pervious SF	Impervious Tc %	I(100) in/hr	I(10) in/hr	C(100)	C(10)	Cal by rational method		
									Q(100) cfs	Q(10) cfs	
<b>CURRENT</b>	0.254	793	10257	7%	5	9.48	6.37	0.6	0.35	1.443	0.566
	Retention (CF) needed for time of concent.									432.868 CF	
<b>PROPOSED</b>	0.254	5890	5160	53%	5	9.48	6.37	0.7	0.6	1.683	0.970
	Retention (CF) needed for time of concent.									505.012 CF	
	Delta (CFS) between current and proposed									0.240	0.404
	Retention (CF) needed for time of concent.									72.145 CF	
<b>ALLOWABLE (STUDY)</b>	0.254	7735	3315	70%	5	9.48	6.37	0.82	0.76	1.972	1.228
	Percent of Proposed to Allowable									85%	79%



**SITE PLAN WITH SECOND ALTERNATIVE**

(Note: no significant change to south portion of site, which is therefore omitted for clarity.)