

100 point Lab ROV Design (1 design per team) Period _____

Team Name :

Team Members:

Expectation	Details	Points Earned	Possible Points
Drawings	3 pieces of graph paper with one drawing on each paper submitted		5
Frontal View	On graph paper		4
	To scale		4
	Scale shown, i.e. 1 cm = 20 cm, etc. (remember each graph paper block is 1 cm)		4
	All angles shown (i.e. 45 degree angle)		4
	Materials identified with a key (should know if using elbow or T, etc.)		4
Top View	On graph paper		4
	To scale , i.e. 1 cm = 20 cm, etc. (remember each graph paper block is 1 cm)		4
	Scale shown		4
	All angles shown (i.e. 45 degree angle)		4
	Materials identified with a key (should know if using elbow or T, etc.)		4
Bottom View	On graph paper		4
	To scale , i.e. 1 cm = 20 cm, etc. (remember each graph paper block is 1 cm)		4
	Scale shown		4
	All angles shown (i.e. 45 degree angle)		4
	Materials identified with a key (should know if using elbow or T, etc.)		4
Materials List	Separate Material List submitted		5
	PVC Conduit pipe needs to be ordered in _____ inch diameter		
	Total length of PVC needed for each diameter (i.e. 5.50 m of $\frac{1}{2}$ inch conduit)		15
	# T's (for _____ diameter)		2
	# elbows (90 degrees) (for _____ diameter)		2
	# elbows (45 degrees) (for _____ diameter)		2
	# end caps		2
	# crosses		2