

## Exercise 2: Installation and Routing Practice

### Handout 3

### Project Check List

	Requirement	Yes	No
1.	Is the bend radius of fiber cable greater than a three inch diameter at all points?		
2.	Are the cables routed to avoid contact with any objects that may cause damage?		
3.	Are the cables supported either loosely at least 1/4" or tightly at least 2" from tubing?		
4.	Are the fiber optic cables combed out properly?		
5.	In cases where there are only fiber cables bundled together, is there at least 4 wraps of protective tape between the fiber cables and the support devices?		
6.	Is there an adequate drip loop prior to the connection point?		
7.	Are the bundles containing <i>ONLY</i> fiber optic cables tied securely together with Scotch Super 20 adhesive tie?		
8.	Are the bundles containing fiber optic cables and other wires tied appropriately?		
9.	Is there a maximum distance of 12" between bundle ties?		
10.	Are the cables tied at a minimum distance of 1.5" from breakouts?		
11.	Are the fiber optic cables excluded from the last tie at the breakout point?		
12.	Do the adhesive ties meet the following requirements: <ul style="list-style-type: none"><li>▪ The overlap of the adhesive ties at least 1/3 of the diameter of the bundle circumference?</li><li>▪ The ends of the adhesive ties bond properly?</li><li>▪ There is less than 1/3" between the layers of the adhesive ties?</li></ul>		
13.	Are all ties secure so that they do not slip along the bundle?		
14.	Are the receptacles properly installed?		
15.	Are the cables free from deformity?		