DICK ANDERSON CONSTRUCTION,INC

Number: 22
Date Issued: 08/23/11

RFI 22

Project:	COOLEY LABORATORY RENOVATION	
Job:	3146	COOLEY LAB, PPA# 10-0023
Customer:	STOFMT	MSU BOZEMAN

POTENTIAL IMPACTS
Cost Impact: No
Schedule Impact: No

Issued To: CONSTRUCTION MANAGEMENT SERV.
P.O. BOX 7274
BOZEMAN, MT 59715

Attention: DONALD J. PLATISHA
Phone/Fax: 406 585-0611 / 406 585-2698

Coordination copies to:

Item: SPARE CONDUITS PER RACEWAY
Type:

Reference: Note G per E2.4
Spec. Section:

Attachments:

Description of Request

QUESTION:
How many conduits are needed for future use or spares coming out of the 2-channel raceway in all the labs?
Please advise the amount of conduits required per length of channel.

LIBERTY ELECTRIC

Respond By: 08/30/11 **By:** TIM THOLT

Response

The intent of this note was to never exceed (6) current carrying conductors in a single conduit, which is an NIH requirement. The requirement for (4) conduits per raceway came from the worst case scenario. There are some locations where (4) conduits would be more than is practical, so the note can be revised slightly for the shorter raceways.

For power conduits, provide (1) ¾" conduit for every (6) current carrying conductors and then provide (1) empty (spare) ¾" conduit, not to exceed (4) ¾" conduits per raceway total. For example, if there is a raceway that shows (4) 120V circuits, or 8 current carrying conductors, this would equate to (3) total conduits. The first conduit would contain three circuits, the second conduit would contain one circuit, and the third conduit would be spare. In another example, if there is a raceway that shows (3) 120V circuits, or 6 current carrying conductors, this would equate to (2) total conduits. The first conduit would contain three circuits and the second conduit would be spare.

The requirement for (2) 1" conduits for data for each raceway shall remain.

Response by: Brad Kauffman (GPD) on 23 August, 2011.

Signed: _____ **Date:** _____

Proceed as Indicated: **Date:** _____

Owner Authorized Representative

Printed by TTH as of 08/23/11 7:48:15AM